



April 25, 2014

Honorable Mayor and City Council:

This letter serves to transmit the FY 2015 – FY 2024 Capital Improvement Program (CIP) for your consideration: FY 2015 and FY 2016 generally reflecting actual scheduled projects; while FY 2017 through FY 2024 reflect planned or proposed projects that may be adjusted or changed as we approach closer to those years. As with the City’s operating budget, the FY 2015 CIP is operating as a single-year plan instead of the usual two-year budget. The City Council will review this document during a work session in May. Beforehand, the Planning Commission will have reviewed the document for conformance with the General Plan. The capital budget for FY 2015 totals over \$81 million, with approximately \$377 million tentatively programmed for the period FY 2015 through FY 2024; and an additional \$510 million of unfunded needs identified for the same period.

The draft before you contains description sheets for each current project, as well as identified future projects. In addition, an overview of program changes from the last approved CIP is offered in the “Project Changes and Modifications” section beginning on page 5.

As you are aware, portions of the City’s new financial system went “live” on July 1, 2013. While some of the funds have remained “as is”, others have been consolidated into broader-based categories; for example, the funds for Police, Fire, Maintenance Services, and the Library have been consolidated into the “Capital Projects (Governmental)” Fund (Fund 405). For purposes of comparison to previous CIP budgets, listed below is a summation of the new fund numbers and descriptions:

OLD FUND NUMBER	NEW FUND NUMBER	
210	210	SPECIAL GAS TAX
211	215	MEASURE B TAX - LOCAL TRANSPORTATION
212	216	MEASURE B TAX - PED AND BIKE
217	218	VEHICLE REGISTRATION FEE
410	405	CAPITAL PROJECTS (GOVERNMENTAL)
415	405	CAPITAL PROJECTS (GOVERNMENTAL)
416	405	CAPITAL PROJECTS (GOVERNMENTAL)
417	405	CAPITAL PROJECTS (GOVERNMENTAL)
418	405	CAPITAL PROJECTS (GOVERNMENTAL)
430	410	ROUTE 238 CORRIDOR IMPROVEMENT
413	450	STREET SYSTEM IMPROVEMENTS
420	460	TRANSPORTATION SYSTEM IMPROVEMENT

OLD FUND NUMBER	NEW FUND NUMBER	
623	603	WATER REPLACEMENT
622	604	WATER IMPROVEMENT
614	611	SEWER REPLACEMENT
616	611	SEWER REPLACEMENT
613	612	SEWER IMPROVEMENT
632	621	AIRPORT CAPITAL
721	726	FACILITIES CAPITAL
726	731	INFORMATION TECHNOLOGY CAPITAL
736	731	FLEET MANAGEMENT CAPITAL
737	732	FLEET MANAGEMENT ENTERPRISE

Unrestricted Funds

As has been the case for the past several years, there continues to be minimal unrestricted funding available for CIP-related projects. Most of the unrestricted funding available in the FY 2015 continues to be allocated towards addressing or supporting Council's priorities, especially as they pertain to improving the attractiveness and safety of neighborhoods.

The City's General Fund fiscal forecast continues to demonstrate projected deficit. Depending on the extent of the deficit for FY 2015, it is possible that Council may have to consider eliminating or reducing some or all of the funding transferred from the General Fund to support capital projects to balance the budget.

Consistent with the priorities established by Council, many of the issues raised at Neighborhood Partnership meetings have been addressed, such as new speed control measures (i.e. speed lumps) and improved lighting. Such efforts will continue into FY 2015; however, the amount and flexibility of funds available to address neighborhood concerns continues to be much less than needed. As was the case last year, staff will not be able to be as responsive to the extent residents have come to expect in prior years.

During the past several years, there was a key emphasis on implementing projects that enhance the City's appearance. The one project that best demonstrates this effort is the painting of murals in the downtown and along Foothill Boulevard; this effort will continue as funds allow.

New Projects

In more recent versions of the CIP, there was a strong shift towards maintenance, security, and upkeep at many of the City's government buildings, especially City Hall; many of these projects were either completed or will be completed early in FY 2015. The key emphasis in this edition of the CIP is to continue updating and improving the City's infrastructure.

The most immediate improvement will occur in FY 2015 with the construction of a new Fire Station No. 7 and an ancillary Firehouse Clinic. This project, which is expected to cost approximately \$12 million, will be funded through traditional bank financing, the County Health

Services Department, and inter-departmental loans. In addition, design work has commenced on a new Main Library. The actual construction of the library building, along with safety-related improvements to many of the fire stations, is contingent on the passage of a sales tax measure in June – Measure C. If the measure passes, the alternate version of fund 405 included herein will be recommended to Council for adoption as the fund’s capital plan for FY 2015.

There are new, small projects for City Hall in the CIP that pertain to improving the sound system in the rotunda, as well as improvements to the City Council chambers. Other key maintenance projects are funded out of the Facilities Internal Service Fund and discussed later in this letter.

While infrastructure-related projects will be emphasized in FY 2015, disaster preparedness will also remain a critical priority as a City-wide exercise is scheduled for FY 2015. This exercise will allow City staff members to practice and enhance their abilities to quickly and efficiently provide critical services to the public in the event of a major crisis.

As noted earlier, the CIP continues to highlight the Council priority of improving the City’s appearance wherever possible. One series of projects serves to support that priority through the beautification and improvement of landscaping along key thoroughfares throughout the City. Over the past several years, the City has successfully improved the Fairway Park roundabouts as well as landscaping along Industrial Parkway from Highway 880 to Mission Boulevard. Over the life of the FY 2015 CIP, five additional separate projects are noted and include landscaping improvements along Winton Avenue (from Southland Drive to Southland Place) in FY 2015; Industrial Parkway (from Hesperian Boulevard to Highway 880) in FY 2016; Hesperian Boulevard (from Winton Avenue to Chabot Court) in FY 2017; Hesperian Boulevard (from West A Street to Winton Avenue) in FY 2018; and Industrial Boulevard (from Highway 92 to Arf Avenue) in FY 2019.

21st Century Library and Community Learning Center

A continuing key project in the Capital Improvement Fund is the design and construction of a new 21st Century Library and Community Learning Center, with progress being made along several fronts. The City has been working closely with the US Postal Service (USPS) to acquire needed land along C Street (East of Watkins). In addition, during recent discussions with USPS staff, they also expressed interest in selling the entire parcel to the City while securing retail space on the same site for their now much reduced postal service on a lease-back basis. At a future date, a potential plan for this additional property will be presented to the community and Council integrating it into the overall project. This purchase should be completed during FY 2015. In addition, the preliminary design work was completed in FY 2014, and a contract for the actual design was approved during the second half of FY 2014. As noted earlier in this letter, the majority of funding for this building is contingent on the approval of Measure C. If the measure is not approved, alternate funding sources will be pursued in order to construct this critical community resource, although sources are limited.

Fire Station Improvements

In addition to the new Fire Station No. 7 and Firehouse Clinic project, several other improvements are planned for various fire stations over the next five years. The most significant portion of the improvements pertains to rehabilitation of Fire Station Nos. 1-6, including infrastructure updates, improved livability, and reducing the environmental footprint of each. The estimated total cost for

the needed improvements is over \$9.5 million. Another major project involves the building of a new training center at Fire Station No. 6. This much needed improvement is expected to cost approximately \$8.2 million. Sans the Fire Station No. 7 and Firehouse Clinic project, the new Library and the fire station improvements are contingent on the passage of Measure C in June.

Streets and Roads

With the assistance of Federal, State, and local funding, the City was able to complete work on several larger-scale projects associated with pavement rehabilitation during FY 2014. The City completed a total of five major pavement rehabilitation or reconstruction-related projects at a total of almost \$4 million. One of the larger projects, which totaled about \$1.3 million, included pavement rehabilitation along portions of Danforth Lane, Grasmere Place, Harvest Court, Linfield Lane, Peterman Avenue, Seabreeze Court, Thornwall Lane, and Victory Drive. In total, over 23 miles of pavement were repaired with the five projects during FY 2014. For FY 2015, over \$7 million will be spent on six pavement rehabilitation or reconstruction-related projects funded by Measure B and Vehicle Registration Fee (VRF): Gas Tax Pavement Rehabilitation (Slurry Seal); Measure B Pavement Rehabilitation/ Reconstruction; Vehicle Registration Fee Pavement Rehabilitation/Reconstruction; Whipple Road Pavement Repair; Pavement Rehabilitation (Industrial Boulevard); and Pavement Reconstruction (Winton Avenue and Industrial Parkway) . If the sales tax measure is approved, another \$1 million will be allocated per year for additional paving projects for the next 20 years.

The most critical new roadway project continues to be the 880/92 Reliever Route project, which includes construction of the Whitesell Street extension and improvements along the Winton Avenue corridor. Project design work is scheduled to be completed in FY 2014, and Council approved the initiation of eminent domain proceedings in July 2013. As noted in prior staff reports on this item, nearly all of the costs associated with the design and construction of the Reliever Route project will be reimbursed from Measure B funds through the Alameda County Transportation Commission (Alameda CTC).

Besides repairing streets and roads, the City has been aggressively upgrading its series of municipal parking lots. During the past couple of years, both Municipal Lots 5 (located at the corner of Maple Court and A Street) and 6 (located between Russell Way and A Street) were successfully repaired. Such efforts will continue into the future, with an additional four lots to be repaired within the next four years: Municipal Lot 4 in FY 2015; Municipal Lot 1 in FY 2017; Municipal Lot 3 in FY 2018; and Municipal Lot 7 in FY 2019.

Livable Neighborhoods

City staff continued to focus efforts on supporting livable neighborhoods through the evaluation, design, and construction/improvement of sidewalks and wheelchair ramps throughout the City. During FY 2014, staff targeted Districts 4 and 5, which include the area bordered by Jackson Street and Harder Road to the north and Tennyson Road to the south, as well as the area bordered by Industrial Parkway to the north and Whipple Road to the south for improvement at a cost of approximately \$1 million. In addition, new sidewalks were installed along Franklin Avenue, Harder Road, and Phillips Way at a cost of about \$320,000, thereby greatly improving pedestrian safety in that area. In total, approximately 36,304 square feet of sidewalks were installed and/or repaired in FY 2014, in addition to 3,656 linear feet of curb and gutter.

Similar funding is set aside for the FY 2015 projects, which will include commencing work in District 7 (bordered by La Playa Drive to the north and Tennyson Road to the south) and District 10 (bordered by Grand Street to the north and Jackson Street to the south), as well as new sidewalk construction along Laurel Avenue. It should be noted that the Laurel Avenue project is a joint project between the City and the County, with the County reimbursing the City for approximately \$200,000 of the cost for work that is completed in the County's jurisdiction.

As noted earlier, the mural program will continue to be funded for the foreseeable future. An additional \$75,000 has been budgeted each year from FY 2015 through FY 2017 to continue this highly visible and successful effort.

In late FY 2012, the City received authorization from Council to replace all of its streetlights and traffic signal safety lights with light-emitting diode (LED) lights. This project was completed during FY 2014 at cost of about \$2.5 million; approximately 7,000 streetlights were converted throughout the City. In addition, approximately 340 traffic signal safety lights were switched over to LEDs as well. It is estimated that the Citywide conversion to LED streetlights will save about \$300,000 per year in utility costs; this reduction is noted in future years of the CIP. As part of this conversion, PG&E has issued the City approximately \$540,000 in one-time rebates during FY 2014. The rebates will be used to pay for the installation of new streetlights throughout the City as well as installing decorative streetlights in the Downtown.

The CIP also contains an annual project to install new streetlights throughout the City. Costs for this program have increased from \$30,000 to \$50,000 per year through FY 2024 in order to offset greatly increased costs by PG&E to provide electrical service to each new streetlight; this additional budget will allow for just enough funding to keep pace with the number of installations in a typical year.

Utilities

Utilities capital projects are developed and implemented to deliver dependable, efficient water and sewer service to Hayward residents and businesses. There is a strong focus on ensuring that the infrastructure is structurally reliable and appropriately sized to meet current and future community needs. Environmental Services capital projects focus on water conservation and energy use efficiency. Specific projects address resource conservation and recycling, clean and green energy, and stormwater runoff quality and protection.

Water System CIP (\$68,140,000)

Conservation:

Water conservation is a key concern to the City and various CIP projects in the water system are aimed at addressing this concern. One such project is the conversion to Advanced Metering Infrastructure (AMI). This project would evaluate the feasibility of converting existing water meters to AMI meters, enabling customers to obtain accurate real-time water use information and better manage their water consumption. Because of their accuracy and immediacy, AMI meters can achieve significant water savings. A fundamental part of this project will be to carefully review all of the potential impacts of converting, including issues encountered by other utility providers, before making a decision on whether to proceed. This will be done through a feasibility study and

pilot assessment. Assuming that the results of the study are positive, \$6 million is included to implement a conversion project beginning in FY 2015, phasing the project over three years. Funding is continued for City rebate programs for residents and businesses to replace existing fixtures, such as toilets, with high efficiency models that exceed the fixture efficiency currently required by the State Plumbing Code. This project is a recurring project and allocates \$100,000 per year.

Long-Term Assessment

The Water Systems Master Plan Update project, which began in FY 2012, conducted an operational analyses and evaluation of existing facilities, pressure, water quality, and emergency preparedness. This plan is scheduled to be completed in FY 2014. The Master Plan will assist in the identification of water-related capital improvement projects for the next ten years, with project implementation beginning as soon as FY 2015, including a \$475,000 project to construct a 1,000-foot zone regulating station, which is needed for adequate fire flow and supply reliability.

An Asset Management Plan will be further developed to evaluate water system facilities and pipelines, and provide a schedule and cost for replacement or rehabilitation. This \$100,000 project enables efficient monitoring and replacement planning of water distribution structures, equipment, meters, and facilities, as well as proactive maintenance and cleaning schedules to keep facilities operating at optimum efficiency.

Reliability Improvement

Work was initiated in FY 2012 on seismic improvements to the Mission 24-inch aqueduct. This aqueduct, which crosses the Hayward Fault near Nursery Road in Fremont, is scheduled to be completed in FY 2015 (total project cost: \$3.75 million). The aqueduct is an essential water facility, and this project will significantly improve the reliability and probability that it could be returned quickly to service after a seismic event. The City is expecting approximately \$3 million in the form of a FEMA Hazard Mitigation Grant to fund this project. However, due to superstorm Sandy on the east coast, City staff has been informed that FEMA has reallocated its resources to cover recovery efforts and that the City should expect at least a one-year delay in consideration of grant funding. Given the high project cost and the uncertainty regarding federal funding, staff will be exploring less expensive alternatives to the current design. Similarly, the Maitland and 250-foot East and West Highland reservoirs will have structural analyses performed in FY 2015 to assess the potential damage that could be caused by a future seismic event, with subsequent retrofit plans developed for each facility.

A project to inspect and recoat the Highland 750 Reservoir (off Parkside Drive) will be undertaken in FY 2014 to improve water supply reliability and repair corrosion (total project cost: \$750,000). A new \$3 million project has also been added, based on the recommendations included in the Water Systems master Plan, to inspect the coating at the Garin, South Walpert, Treeview and 1,000-foot Reservoirs in FY 2015 and FY 2016. If it is found that recoating is necessary, the reservoirs will be coated appropriately.

Another Water Systems Master Plan project scheduled for FY 2015 will include the construction of a \$1.6 million, 0.75 million-gallon reservoir, pump system, and backup generator at the Garin

Reservoir site. Adding a second water tank will accommodate water demands and fire flow for future developments in the neighboring areas. The new pump system will also double the capacity of the existing pump station. As this reservoir will supply water to serve future developments at LaVista and Garin Vista, an agreement for future cost reimbursement arrangements for the project will be pursued.

Energy Efficiency and Renewable Energy:

Energy efficiency and renewable energy is also a priority addressed in the Utilities CIP, including a \$3 million project to install solar power at various water facilities, such as pump stations, where significant amounts of purchased energy are used. The project is scheduled to begin in FY 2015.

Future Years:

In future years, projects to replace the existing one-million-gallon High School Reservoir, located above City Center Drive, with a three million-gallon facility, and to construct a new two million-gallon reservoir on Hesperian Boulevard are included to improve storage capacity (total project cost: \$6.9 million and \$5.8 million, respectively). Various water main replacement and improvement projects are included to ensure that system capacity requirements are achieved and that facilities are maintained for optimal operating efficiency. Over the next five years, a \$5 million project will be implemented to replace existing cast iron pipes, which are prone to breaks as they age.

Sewer System CIP (\$107,452,000)

Sewer Collection System

The Sewer Collection System will undergo several pipeline improvements in the next few years. These improvements are planned to either replace pipelines that are showing signs of age and require frequent maintenance and repair, or to upsize undersized mains to increase their hydraulic capacity to handle current and near-term future flows. A Master Plan update for the Sewer Collection System will be completed in FY 2014. Funding in the amount of \$2 million is provided in future years to implement recommendations resulting from these planning efforts.

Water Pollution Control Facility

Noteworthy, near-term Water Pollution Control Facility (WPCF) projects include Phase II Improvements that will convert an existing gravity thickener to a new primary clarifier (total project cost: \$2.43 million, as recommended in the WPCF Master Plan Update). Work will also continue on the replacement of an existing trickling filter that is past its useful service life, inefficient, and does not meet current seismic standards. \$665,000 will be spent to evaluate and improve the Headworks hydraulic pumps to address pumping capacity. The existing WPCF administrating building will also undergo a \$4.5 million renovation to accommodate facility needs of the wastewater operations and maintenance staff, while a new \$7.6 million water and wastewater laboratory and administration functions building will be constructed in FY 2016.

In order to make more efficient use of potable water, the City is pursuing the opportunity to produce

recycled water, preferably in cooperation with Calpine, and to develop a distribution system to deliver the excess tertiary treated recycled water to nearby sites for use in landscape irrigation and some industrial processes.

The WPCF is the largest energy user among all of the City facilities, utilizing the equivalent of over \$1 million of electricity per year. The WPCF's new co-generation energy system, which utilizes internal combustion engines, will be completed in FY 2014 to replace the thirty-year old undersized and inefficient existing system. Energy production from this \$11.47 million project, combined with the solar energy that is now produced from the one-megawatt solar facility, will enable the WPCF to generate enough energy to power treatment plant operations. The new grease receiving and processing facility allows imported waste grease to be put to beneficial use at the WPCF by increasing digester gas production, which can then be utilized in the Plant's new energy co-generation system. The increase in renewable local energy production at the WPCF provided an opportunity for the City to seek a PG&E tariff, called a Renewable Energy Self-Generation Bill Credit Transfer (RES-BCT), to maximize the City's returns while at the same time allowing the use of this green energy at the WPCF and other municipal facilities. When fully operational, the WPCF will be able to transfer the renewable energy, which is excess to the WPCF needs, for use at other municipal facilities. In addition to these efforts, there is also a \$5.3 million Phase II solar project for the WPCF, which is scheduled for construction in FY 2015, and would generate an additional one megawatt of energy. While the state grants for solar projects have decreased over the year, so has the cost of solar photovoltaic panels, which still make this project viable.

Airport

A primary focus at the Airport during FY 2015 will be paving improvements to various roads that allow for travel throughout various parts of the facility. As was noted in last year's report, the new Airport Administration Building is quickly nearing completion and will be in use by the early part of FY 2015. However, the road leading to the new building is in poor condition and is in urgent need of repair. One other project will improve the roads leading around the perimeter of the Airport as well as to the south side. Future pavement rehabilitation needs continue to be addressed in the CIP for the Airport as an additional allocation of \$300,000 has been included for such work in FY 2016. Similar to the City's street pavement rehabilitation, a program has been in place since FY 2013 to bi-annually monitor and update pavement conditions on the Airport. The other pavement-related project of note is striping maintenance for runways 28L/10R. This project, which will allow for the re-painting of runway markings that do not meet FAA guidelines, will occur on an annual basis until FY 2018; during that time, the runways will be completely repaved as part of the Airport's pavement rehabilitation program.

One other critical project that is scheduled to commence construction next fiscal year will enclose portions of Sulphur Creek in order to address a safety issue resulting from the existing open channel that crosses the runway safety areas. Federal funding will reimburse the Airport Capital Fund \$2.25 million out of the estimated total cost of \$2.4 million.

The total amount of investment planned at the Airport from FY 2015 through FY 2024 is approximately \$23.4 million, with much of the funding for these projects dependent on projected Federal Aviation Administration (FAA) grants under the Airport Improvement Program, as well as transfers from the Airport's operating fund.

Facilities

The Internal Service Fund for Facilities is utilized to address the improvements and upkeep necessary for many of the City's older buildings, such as the Police Department and various fire stations. Some of the more prominent projects in this fund include HVAC upgrades, roof repair and replacement, and the replacement of flooring and carpet at various City facilities.

Maintenance projects for FY 2015 (approximately \$230,000) include the exterior painting of City facilities, furniture replacement in the common areas of City Hall, and floor coating at the Animal Control facility. In addition, the replacement of siding on the Fire Department's training tower is scheduled for FY 2015; however, if the sales tax measure (Measure C) were to pass in June, a new training center will be constructed, thereby eliminating the need for this project. The projects contained within this fund are dependent on facility charges originating from supported departments. The long-term goal is to develop sufficient reserves in the Facilities Fund to address City-wide improvements and maintenance on an on-going and systematic basis.

Information Technology

The Information Technology Capital Fund addresses the City's aging information technology infrastructure and the unmet technology needs throughout the City. During the past several years, many of the City's desktop computers have been replaced with newer, more efficient models; this replacement cost is an ongoing expense of \$125,000 per year as the life span of most desktops is no more than four years. Other ongoing, annual appropriations are provided for the replacement of public safety mobile units and network servers of \$50,000 and \$100,000, respectively. Other technology infrastructure improvements that have no long-term replacement funding or are inadequately funded at this time are included in the Identified Capital Needs document, which is discussed in greater detail in the next section of this letter.

The largest project in this fund is the replacement of the City's outdated legacy financial system with an Enterprise Resource Planning (ERP) system. Several key modules, especially pertaining to the financial system, have been implemented during FY 2014, with the remaining modules to be installed during FY 2015. Full implementation is expected by the end of FY 2016 with a budgeted total cost of \$4.11 million.

Several new technology projects are slated for FY 2015. Network infrastructure will be replaced at various City facilities, including the Police Department; the total cost of this multi-year project is about \$3.4 million, with approximately \$500,000 of that total budgeted for FY 2015. In addition, the Council Chambers are scheduled to undergo a major upgrade at a cost of \$750,000.

Much of the existing equipment, which is approximately eight years old and in constant need of repair, will be replaced. Another new project will replace the agenda management system, which lacks the required functionality, at a total cost of approximately \$100,000. Lastly, a pilot project totaling \$200,000 will be implemented that serves to investigate the viability of public security cameras. Funding for these new projects will be provided through a transfer from the General Fund.

Successful implementation of projects within this fund is wholly dependent on the assessment of Information Technology Charges on supported departments. And, there is no source yet identified for accumulating funds to replace major systems, such as the new CAD/RMS system, in the out years at the end of their useful lives.

Fleet

Commencing with the FY 2011 CIP, Fleet capital replacement funds were added, one for General Fund vehicles and one for Enterprise vehicles. General Fund vehicle needs are separated as to Police, Fire, and general fleet. From FY 2015 through FY 2024, a total of approximately \$26.5 million is budgeted for General Fund fleet purchases as follows: Fire Department (\$12.3 million); Police (\$7.9 million); and other General Fund (\$6.3 million). Primary identified funding sources include proceeds from loan financing and internal service charges. In the case of Enterprise vehicle replacement, annual funding is now being transferred from the Enterprise funds for their planned vehicle replacements. From FY 2015 through FY 2024, a total of approximately \$8.6 million is budgeted for Enterprise-related fleet purchases as follows: Sewer Division (\$3.4 million); Water Division (\$3 million); Stormwater Division (\$1.4 million) and Airport (\$800,000). Staff is committed to ensuring that the City's fleet of vehicles reflects Council's "green" priority. To that end, staff has thoroughly evaluated and is incorporating (where possible) the use of "green" technology into vehicle purchases. Furthermore, staff has been critically assessing the needed amount of fleet vehicles, reducing the number of "take-home" vehicles, and determining which vehicles are non-essential and thus have been or can be removed from the City's fleet and not replaced.

Unfunded Identified Capital Needs

The last section of the CIP is the Identified and Unfunded Capital Needs section. The list was significantly modified as part of the FY 2014 CIP and reviewed/updated as part of the FY 2015 process. In general, this section has remained relatively unchanged from last year. The only major change was the removal of the Network Infrastructure Replacement project, as it is fully funded at \$1.74 million over multiple years in the FY 2015 CIP. However, this section may undergo a major modification if Measure C is approved in June, as both the 21st Century Library and Community Learning Center and the remodel of fire stations 1-6 would be fully funded and therefore removed. As noted earlier, the sales tax measure will also provide an additional \$1 million a year for paving projects, which will slightly reduce the total needed amount for Citywide paving needs.

Projects in the Industrial Area, including many interchange-related projects along 880 and 92 corridors, are the largest part of this unfunded list, as they comprise approximately \$189 million of the \$510 million in unmet needs. Many of these projects are identified in the Countywide Transportation Plan, as well as the Transportation Expenditure Plan, and could be funded if the next cycle of Measure B is approved by Alameda County voters in November 2014.

The total value of the unfunded projects in the Identified Capital Needs document is approximately \$510 million through FY 2024, with costs broken down into the following categories:

- | | |
|---|---------------|
| • Street & Transportation-Related Projects: | \$333,973,000 |
| (includes projects in Industrial Area totaling \$189 million) | |
| • Major New Facilities Projects: | 151,900,000 |
| • Facility Maintenance and Improvement Projects: | 19,928,000 |
| • Technology Services: | 4,225,000 |

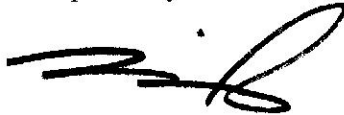
Total	\$510,026,000
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It is important to reiterate that this list identifies critical needs that have, as of now, no identified funding sources. The number of projects will continue to grow over time as will the amounts needed to fund these extremely important upgrades/repairs to infrastructure and equipment.

In light of the ongoing structural deficit in the General Fund, staff has re-doubled its efforts to dedicate as many financial and staff-related resources as possible towards projects deemed as most critical to both the community and Council. As noted earlier in this letter, although General Fund transfers have been identified to fund critical Police, Fire, and Maintenance capital and fleet replacement needs, many of the projects may need to be postponed if the proposed transfers from the General Fund are needed to balance the budget for FY 2015 and/or beyond.

Attached to this letter is a summary of the key assumptions (Attachment A) that were used in preparing the FY 2015 CIP. The staff and I look forward to discussing projects and issues embodied in this capital plan.

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'Fran David', with a stylized flourish at the end.

Fran David
City Manager

Attachment A – Assumptions

ATTACHMENT A

FY15 Capital Improvement Program Working Assumptions

1. Interest Rates: Rate of return on existing fund balances - 2% for FY15-FY19 and 3.0% for FY20-FY24.
Projected interest rate on City borrowing - based on current market information - 4.0% per year.
2. Construction Inflation Rate: 1% per year.
3. Monies received from Gas Tax, which includes Proposition 111 (Gas Tax), are expected to be about the same for FY15 as they were for FY14. For FY16, Gas Tax receipts are expected to increase slightly, as reflected in the 1% increase from FY15. For FY16 through FY24, Gas Tax has been escalated by 1% per year as well. Transfers to the General Fund from the Gas Tax Fund to support eligible expenditures for FY15 will be \$223,000.
4. Based on sales tax projections provided by the City's Finance Department, anticipated revenue from the Measure B program is assumed to be \$2,072,000 in FY15 and \$2,145,000 in FY16 (an increase of 3.5% for both FY15 and FY16); future increases are also estimated at 3.5% from FY17 through FY24.
5. Monies received from the Measure B Non-Motorized Fund for pedestrian and bicycle improvements are assumed to be \$425,000 in FY15 and \$440,000 in FY16 (an increase of 3.5% for both FY15 and FY16); future increases are also estimated at 3.5% from FY17 through FY24.
6. The City will receive \$707,000 in FY15 and then \$714,000 in FY16 for street improvements due to a recent voter-approved increase of \$10 to the vehicle licensing fee; this amount has been escalated by 1% per year from FY17-FY24.
7. Due to a moderate rebound in development, revenue from the Construction Improvement Tax is expected to increase by 50% (from \$150,000 to \$200,000) in FY15. Another gradual increase is expected during FY16, at which time revenues are assumed to have returned to the previous level of \$250,000.
8. The per year transfer from the Route 238 Trust Fund related to the Route 238 Corridor Improvement Project will continue at \$250,000 for FY15; the transfer for FY16 will reduce down to \$151,000 and then level off from FY17-FY23 at \$100,000, with the transfer ending in FY24 with an amount of \$244,000.
9. Funds received under the Governor's Traffic Congestion Relief Program (TCRP) established under Proposition 42 were eliminated in FY11 and replaced by a Gas Tax "swap," which serves to backfill the amounts that would have been provided through Proposition 42. This amount is transferred from the Gas Tax Fund to the Street System Improvements Fund on a monthly basis. It is estimated that this amount will be about \$1.6 million in FY15; future years (FY16-FY24) are estimated

to increase by 1% per year. Monies received under this source will be applied towards street maintenance projects.

10. In prior years, the transfer from the General Fund to the Transportation System Improvement Fund was significantly reduced in order to reduce General Fund expenditures. However, the \$350,000 per year transfer from the General Fund to the Transportation System Improvement Fund was re-established in FY13 and will continue at that level through FY24; this transfer provides funding for transportation projects.
11. Planned transfers from the sewer and water operating funds to the capital funds allows for critical capital projects identified in the Sewer and Water System Master Plan Updates, plus the Water and Sewer Seismic Study, to be accomplished.
12. Continued transfers from the Airport Operations Fund provide funding for Airport Capital Improvement Projects identified in the Airport Master Plan and Updated Airport Layout Plan.
13. Facility charges against operating budgets will provide \$300,000 each year from FY15 through FY24 to provide an ongoing funding source for the Facilities Internal Service Fund.
14. A Transfer of \$1,250,000 from the General Fund will fund various projects in the Technology Services Internal Service Fund, such as public safety mobile replacements and network server replacements.
15. A transfer of \$320,000 from the General Fund into the Capital Projects (Governmental) Fund in FY15, with the amount decreasing to \$243,000 in FY16. From FY17-FY24, the amount of the annual transfer will gradually increase from \$279,000 in FY17 to 406,000 in FY22-FY24. The amount to be transferred will depend on residual fund balance and the overall level of need in future years. These transfers will provide critical funding necessary for major equipment replacement, such as fire hoses, self-contained breathing apparatus, guns, and replacement equipment for maintenance services.
16. In order to replace vehicles within the Enterprise funds each fiscal year, the following annual transfers will occur into the Fleet Management Enterprise Capital Fund: \$286,000 from the Water Fund; \$71,000 from the Airport Operating Fund; \$240,000 from the Sewer Fund; and \$85,000 from the Stormwater Fund.
17. In order to replace vehicles within departments funded through the General Fund, transfers into the Fleet Management General Fund Capital Fund will be \$1,000,000 in FY15 and \$1,500,000 in FY16. For FY17 and FY18, the transfer will increase by \$500,000 per year, culminating in a transfer of \$3,000,000 into the fund by FY19 and continuing through FY24.
18. The Program reflects expected cash flow in future program years and Council appropriations carried forward from the current year.

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CAPITAL IMPROVEMENT PROGRAM SUMMARY

CIP OVERVIEW AND PROCESS:

The Capital Improvement Program (CIP) is a planning document for the upcoming ten-year period, and is a separate and distinct document from the City's operating budget. However, to better coordinate it with the two-year operating budget process, a comprehensive CIP process only occurs every other year. In the second year, no new projects are added to the program except in unusual circumstances, the first two years of the program are updated, and the review process is abbreviated. The CIP contains revenue and expenditure estimates for public infrastructure projects (street construction and improvements, sewer and water systems upgrades), seismic retrofitting of public facilities, airport projects, replacement of major equipment, and other miscellaneous projects. The CIP does not actually fund projects; a capital budget is adopted annually by the City Council to authorize spending on the projects represented in the CIP.

The City of Hayward's capital program is supported through a variety of funding sources. A large portion of the projects in the CIP are in restricted-use funds, such as the Gas Tax, Measure B, and enterprise (e.g., Sewer, Water, and Airport) funds. In years in which the General Fund is able to support capital projects, it provides a source of revenue for general capital needs. In addition, City staff has been successful in recent years in obtaining capital projects financing from outside funding sources such as state and federal grant programs.

During a comprehensive CIP process, revenue estimates are projected by staff, and capital project requests are submitted by City departments for evaluation by an internal capital infrastructure review committee. The recommended Ten-Year Capital Improvement Program is compiled and presented to the Planning Commission for conformance with the General Plan, to the City Council Budget and Finance Committee and then to the full Council at a work session. A public hearing at which the public is invited to comment on the proposals in the CIP is conducted at the same time as the operating budget public hearing. The capital spending plan for the upcoming year is adopted by the Council by resolution along with the operating budget. Capital projects are budgeted on a life-to-date basis, and modifications are made to the CIP when additional funds become available or expenditure projections are refined.

FY15 CAPITAL IMPROVEMENT BUDGET:

The City of Hayward's FY15 capital budget totals over \$81 million, with approximately \$377 million programmed for the period FY15 through FY24. The CIP also includes a list of additional identified capital needs, which for the current period totals about \$510 million.

The Capital Improvement Program contains 17 funds in which projects are funded and programmed: Gas Tax (210), Measure B - Local Transportation (215), Measure B - Pedestrian & Bicycle (216), Vehicle Registration Fee (218), Capital Projects - Governmental (405), Route 238 Corridor Improvement (410), Street System Improvement (450), Transportation System Improvement (460), Water Replacement (603), Water Improvement (604), Sewer Replacement (611), Sewer Improvement (612), Airport Capital (621), Facilities Capital (726), Information Technology Capital (731), Fleet Management Capital (736), and Fleet Management Enterprise (737).

Major project expenditures in the FY15 capital budget, not previously identified, include the following:

* Reservoir Inspection/Recoating at 250' East, 250' West, Garin, South Walpert, Treeview, and 100' (603)	3,000,000
* New 0.75MG Tank, Pumps, and Generator at Garin Reservoir/Pumps Station Site (604)	1,565,000
* New 1.2MG Reservoir in 1530' Zone (604)	1,890,000
* Headworks Renewal and Replacement Project (611)	1,100,000
* West Trickling Filter and Biofilter Project (611)	19,500,000
* Sludge Screening (612)	2,370,000
* Whitesell Street Extension through WPCF (612)	1,645,000
* Digester Sludge Mixing Tank (612)	1,465,000
* Replacement and Relocation of EBDA Pump Station (612)	8,800,000
* Mechanical Sludge Dewatering Facility (612)	2,600,000
* Chlorine Disinfection System Improvements (612)	7,200,000
* New Operations and Administration Building (612)	7,600,000
* Primary Effluent Flow Equalization (612)	2,500,000
* New Standby Power Generator (612)	2,000,000
* Pavement Rehabilitation – Runway (621)	2,200,000

Major continuing project expenditures in the FY15 capital budget include the following:

* Pavement Rehabilitation FY15 (210)	1,000,000
* Pavement Reconstruction FY15 (215)	2,400,000
* Comprehensive General Plan Update (405)	2,203,000
* Self-contained Breathing Apparatus (405)	1,200,000
* Fire Station No.7 and Health Center – Construction (405)	11,700,000
* New Library - Design (405)	3,200,000
* Route 238 Corridor Improvement Project – Phase 2 (410)	19,900,000
* 880/92 Reliever Route Project (450)	27,512,000
* Pavement Rehabilitation – Industrial Boulevard (450)	1,509,000
* Pavement Reconstruction FY15 (450)	1,200,000
* Conversion to Advanced Metering Infrastructure (603)	6,000,000
* Solar Power at Various Water Facilities (604)	3,000,000
* Mission Aqueduct Seismic Improvements (604)	3,750,000
* Seismic Retrofit Maitland Reservoir and Appurtenances (604)	2,130,000
* Seismic Retrofit Highland 250 Reservoirs (604)	1,026,000
* Utility Center Renovation/Training Center Addition (2 nd Floor) (604)	2,804,000
* New 3MG Reservoir at High School Reservoir Site (604)	7,003,000
* WPCF Administration Building Renovation and Addition (612)	4,500,000
* Recycled Water Treatment and Distribution Facilities (612)	12,000,000
* Co-Generation System (612)	11,470,000
* Convert Gravity Thickener to New Primary Clarifier (612)	2,430,000
* Solar Power Design and Construction Phase II – One MW (612)	5,300,000
* New Administration Building (621)	5,122,000
* Sulphur Creek Mitigation – Design + Construction (621)	2,500,000
* Enterprise Resource Planning System (731)	4,110,000

OPERATING BUDGET IMPACTS

In developing the CIP, the impact of new projects on the operating budget is considered, although formal analysis of potential direct and indirect costs is not performed. However, the informal method of addressing the need for this information is in the form of general notations, which are included on the project description pages of those projects known to have impacts on the operating budget. Many of the capital projects listed above will likely have minimal operations and maintenance impacts on the operating budget. In fact, the introduction of new infrastructure into the City's systems can be expected to result in long-term savings due to decreased maintenance requirements associated with older infrastructure.

PROJECT CHANGES AND MODIFICATIONS

LIVABLE NEIGHBORHOODS PROJECTS

I. Added the following projects:

- A. New Sidewalks FY15: Laurel Avenue: \$300,000 – FY15 – This joint project with Alameda County will install new sidewalks along portions of Laurel Avenue. (216-NEW)***
- B. Pedestrian Master Plan/Update Bicycle Master Plan: \$200,000 – FY15 – In order to continue receiving Measure B and VRF funds, the City must adopt both plans by the end of 2015. (216-NEW)***

II. Miscellaneous Changes:

- A. New and Replacement Streetlights: Increased funding by \$20,000 per year commencing in FY15 in order to reflect increases from PG&E to install each new streetlight. (210-05132)***
- B. Traffic Signal Energy: Added a total of \$184,000 in FY23 & FY24 to continue project. (210-05186)***
- C. Traffic Signal Maintenance: Added a total of \$598,000 in FY23 & FY24 to continue project. (210-05187)***
- D. Streetlight Energy: Added a total of \$814,000 in FY23 & FY24 to continue project. (210-05188)***
- E. Streetlight Maintenance: Added a total of \$493,000 in FY23 & FY24 to continue project. (210-05189)***
- F. Speed Monitoring Devices: Added funding of \$30,000 each in FY23 & FY24 in order to continue installing solar-powered speed monitoring devices at high-priority locations along thoroughfares throughout the City. (215-05166)***
- G. Pedestrian Traffic Signal Improvements: Added funding of \$20,000 each in FY23 & FY24 in order to permit the project to continue. (216-05175)***
- H. New Sidewalks FY17 – FY24: Added funding of \$500,000 each in FY23 & FY24 to permit continuation of this project. (216-TBD)***
- I. Landscape Material/Street Tree Replacements: Added funding of \$55,000 each in FY23 & FY24 in order to continue program. (405-05102)***
- J. Mural Art Program: Added funding of \$75,000 each in FY15-FY17 in order to continue program. (405-06901)***

LIVABLE NEIGHBORHOODS PROJECTS (continued):

- K. *Annual Median Tree & Shrub Replacement: Added funding of \$50,000 each in FY23 & FY24 to continue ongoing effort to maintain and improve the City's urban forest. (405-06938)*
- L. *Neighborhood Partnership Program Project: Added funding of \$50,000 each in FY23 & FY24 to continue project. (405-06950)*
- M. *Median Landscaping Improvement Project FY14: Added funding of \$100,000 in FY15 to better reflect project costs. (450-05157)*
- N. *Sidewalk Rehabilitation FY16 – FY24: Added funding of \$700,000 each in FY23 & FY24 to continue project. (450-TBD)*
- O. *Speed Hump Installation Program: Added funding of \$80,000 each in FY23 & FY24 to permit continuation of the program. (460-05734)*

ROAD AND STREET PROJECTS

I. Added the following projects:

- A. *Whipple Road Pavement Repair – Amaral to Ithaca: \$120,000 – FY15 – This project, which is a cooperative effort between the City and Union City, represents the City's share of the cost to repair portions of Whipple Road within City limits. (218-NEW)*
- B. *City Municipal Parking Lot #4: \$270,000 – FY15 -- Each year, funding is utilized to rehabilitate pavement at one of the City's parking lots. For FY15, Parking Lot #4 is scheduled for improvements. (450-TBD)*
- C. *City Municipal Parking Lot #1: \$322,000 – FY17 -- Each year, funding is utilized to rehabilitate pavement at one of the City's parking lots. For FY17, Parking Lot #1 is scheduled for improvements. (450-TBD)*
- D. *City Municipal Parking Lot #3: \$134,000 – FY18 -- Each year, funding is utilized to rehabilitate pavement at one of the City's parking lots. For FY18, Parking Lot #3 is scheduled for improvements. (450-TBD)*
- E. *City Municipal Parking Lot #7: \$107,000 – FY19 -- Each year, funding is utilized to rehabilitate pavement at one of the City's parking lots. For FY19, Parking Lot #7 is scheduled for improvements. (450-TBD)*
- F. *Traffic Impact Fee Study: \$200,000 – FY15 -- This project will assess the viability of implementing a traffic impact fee program. (460-NEW)*

ROAD AND STREET PROJECTS (continued):

II. Miscellaneous Changes:

- A. Pavement Rehabilitation - Gas Tax FY15: Added \$400,000 to project due to more current cost estimates. (210-05191)*
- B. Pavement Rehabilitation FY16 – FY24: Added funding of \$700,000 each in FY23 & FY24 to permit the project to continue. (210-TBD)*
- C. Pavement Reconstruction Measure B FY16 – FY24: Added funding of \$1,000,000 in FY23 and \$1,100,000 in FY24 to permit the project to continue. (215-TBD)*
- D. Pavement Rehabilitation Measure B FY16 – FY24: Added funding of \$1,600,000 in FY23 and \$1,700,000 in FY24 to permit the project to continue. (215-TBD)*
- E. Pavement Reconstruction - VRF FY15: Added \$100,000 to project due to more current cost estimates. (218-05261)*
- F. Pavement Rehabilitation VRF FY16 – FY24: Added funding of \$750,000 each in FY23 & FY24 to permit the project to continue. (218-TBD)*
- G. Route 238 Corridor Improvement Project - Phase 2 (Mission from Industrial to South City Limit): Increased cost of project by \$5,050,000 due to the amount of LATIP funding available for this project. (410-05270)*
- H. Pavement Reconstruction FY16 – FY24: Added funding of \$700,000 each in FY23 & FY24 to continue project. (450-TBD)*
- I. Signal Timing and Controller Replacement Program – Hesperian, Tennyson, and Winton: Added funding of \$45,000 FY16 to allow for post-project monitoring. (460-05701)*
- J. Intersection Improvement Project: Added \$300,000 to allow for an additional improvement project during FY23 & FY24. (460-TBD)*

BUILDING AND MISCELLANEOUS PROJECTS

I. Added the following projects:

- A. Animal Control Floor Coating: \$60,000 – FY15 – This project will install a long-term, non-slip waterproofing floor coating to provide safety for staff and to protect the floor and provide a surface that is easily cleaned. (726-NEW)*

BUILDING AND MISCELLANEOUS PROJECTS (continued):

- B. *Fire Department Training Tower Siding Replacement: \$60,000 – FY15 – Due to exposure to weather and sun over a lengthy period of time, the original siding for the Fire Department training tower needs to be replaced. (726-NEW)*
- C. *Furniture Replacement: \$150,000 – FY15 and FY22-FY24 – This project will replace worn common area furniture in the conference rooms located on the second floor of City Hall as well as the prefunction area and rotunda. (726-NEW)*
- D. *Fleet Management Work Area: \$600,000 in FY24 – This project will provide for an outdoor covered area, which is needed for fire vehicle maintenance. (726-NEW)*

II. Miscellaneous Changes:

- A. *City Facilities Needs Assessment Study: Increased funding by \$180,000 due to additional work needed for study. (410-6901)*
- B. *Miscellaneous Flooring Replacement: Added \$25,000 each in FY23 & FY24 to permit the project to continue. (726-7202)*
- C. *HVAC Replacement/Various Units: Added \$70,000 each in FY17 & FY18. (726-7201)*
- D. *Window Covering Replacement: Added \$20,000 each in FY21- FY24 to permit the project to continue. (726-7210)*
- E. *Interior Painting of City Facilities: Added \$30,000 to each year of the CIP in order to allow for the regular, annual painting of City facilities. (726-TBD)*

EQUIPMENT

I. Added the following projects:

- A. *Agenda Management System Replacement: \$100,000 – FY15 – This project will replace the existing agenda management system, which lacks the required functionality. (731-NEW)*
- B. *Security Camera Pilot Project: \$200,000 – FY15 – This pilot project will investigate the viability of public security cameras. (731-NEW)*
- C. *Council Chambers Technology Upgrade: \$1,500,000 – FY15 and FY22 – This project will replace the existing equipment, which is approximately 8 years old and in constant need of repair. (731-NEW)*

EQUIPMENT (continued):

- D. *Network Infrastructure Replacement – Police Department: \$561,000 – FY15 through FY19 and FY22 through FY24 – This project will allow for a network infrastructure upgrade for the Police Department; such upgrades include a redundant core, increased backbone speeds, server room upgrades and increased capacity for new technology. (731-NEW)*
- E. *Network Infrastructure Replacement: \$2,820,000 – FY15 through FY19 and FY22 through FY24 – This project will allow for a network infrastructure upgrade; such upgrades include a 10 GB redundant backbone as well as an increased switch capacity throughout the city which will allow for growth in the use of technology. (731-NEW)*

II. Miscellaneous Changes:

- A. *Supporting Services Equipment: Consolidated the following existing projects under this new project title: Animal Shelter Equipment, Communications Recording System, Dispatch Equipment, and Jail Equipment. (405-07402)*
- B. *SWAT Team Equipment: Increased total project costs by \$198,000 by adding full equipment replacement in FY23 & FY24. (405-7405)*
- C. *Police Officer Equipment: Consolidated the following existing projects under this new project title: Body Armor, Digital Audio Recorders, Hand Guns (Duty), ID Card Printer, Meals Ready to Eat, Patrol Rifles and Shotguns, and Tasers. (405-07409)*
- D. *Field Operations Equipment: Consolidated the following existing projects under this new project title: Field Operations Equipment, K9 Handler Setup, K9 Units, and Traffic Enforcement Equipment. (405-07411)*
- E. *Criminal Investigations Equipment: Consolidated the following existing projects under this project title: Criminal Investigations Equipment and Special Operations Equipment. (405-07412)*
- F. *Self-Contained Breathing Apparatus: Increased total project costs by \$440,000. (405-7466)*
- G. *Fire Special Operations: Consolidated the following existing projects under this new project title: PODS, Apparatus Appliances, Hose, Furnishings, Nozzles, Physical Fitness Equipment, Hydraulic Rescue Tool, Rotary Rescue Saws, Float-O-Pumps, Positive Pressure Blowers, Portable Generators, Lucas Chest Compression System, and Emergency Air Bag System. (405-07452)*
- H. *Fire Operations Equipment: Consolidated the following existing projects under this new project title: Emergency Equipment Cargo Trailer(s), Shallow Water Rescue Boat, and Station-Based Air Compressor for SCBA Bottles. (405-07469)*
- I. *Replacement Equipment for Maintenance Services: Increased total project costs by \$100,000. (405-07475)*

EQUIPMENT (continued):

- J. Desktop Computer Replacement Program: Increased project costs by \$25,000 per year from FY15-FY24. (731-07253)
- K. Network Server Replacement Project: Increased project costs by \$100,000 in FY15. (731-07257)

FLEET MANAGEMENT

II. Miscellaneous Changes:

- A. Vehicle Replacement Needs - Fire: Reduced appropriations by \$4,069,000 from FY15 through FY24 in order to better reflect needed funding requirements for the replacement of Fire vehicles which have reached the end of their useful life. (731-07301)
- B. Vehicle Replacement Needs - Other General Fund: Reduced appropriations by \$358,000 from FY15 through FY24 in order to better reflect needed funding requirements for the replacement of non-public safety vehicles which have reached the end of their useful life. (731-07302)
- C. Vehicle Replacement Needs - Police: Added a total of \$1,081,000 from FY15 through FY24 in order to better reflect needed funding requirements for the replacement of Police vehicles which have reached the end of their useful life. (731-07303)
- D. Vehicle Replacement Needs - Sewer: Increased appropriations by \$79,000 from FY15 through FY24 in order to better reflect needed funding requirements for the replacement of Sewer Division vehicles which have reached the end of their useful life. (732-07352)
- E. Vehicle Replacement Needs - Water: Decreased appropriations by \$969,000 from FY15 through FY24 in order to better reflect needed funding requirements for the replacement of Sewer Division vehicles which have reached the end of their useful life. (732-07353)
- F. Vehicle Replacement Needs - Airport: Decreased appropriations by \$510,000 from FY15 through FY24 in order to better reflect needed funding requirements for the replacement of Airport vehicles which have reached the end of their useful life. (732-07350)
- G. Vehicle Replacement Needs – Stormwater: Decreased appropriations by \$704,000 from FY15 through FY24 in order to better reflect needed funding requirements for the replacement of Stormwater Division vehicles which have reached the end of their useful life. (732-07351)

WATER SYSTEM PROJECTS

I. Added the following projects:

- A. Floor Drain Removal Project at 1285 and 1530 Tanks: \$200,000 – FY15 – This project will seismically harden the 1285 and 1530 steel water storage reservoirs by removing the hard plumbed connection to the floor drain piping. (603-NEW)*
- B. Parts Replacement at Wells B & D2: \$400,000 – FY15 – The existing column pipe, pump and lining existing casing pipe will be replaced at Well B and the existing shaft and impeller will be realigned at Well D2. (603-NEW)*
- C. Restore Water Mains Crossing at I-880: \$550,000 – FY15 – This project will restore existing water mains crossing I-880 at two locations (Longwood Court to Fuller Avenue and Candlewood Court to Folsom Avenue). (603-NEW)*
- D. Green Hayward PAYS Pilot Project: \$1,000,000 – FY15 – The Green Hayward "Pay As You Save" (PAYS) Pilot Project is an on-bill repayment program that would allow multifamily utility customers to install water and energy efficiency improvements with no up-front costs. Project costs would be paid back over time on the customer's utility bill. (603-NEW)*
- E. Reservoir Coating Inspection/Recoating at 250' East, 250' West, Garin, South Walpert, Treeview, and 1000': \$3,000,000 – FY15 and FY16 – This project will inspect the internal coating of the 1000' reservoir for integrity as well as inspect the internal and external coatings of the 250' East, 250' West, Garin, South Walpert and Treeview reservoirs. (603-NEW)*
- F. Hesperian Site Additional Paving: \$90,000 – FY15 – This project will widen the existing impound lot to add 25 parking spaces to store RV and other types of vehicles. This project will involve with adding approximately 9,300 SF of AC pavement and relocate the existing security fences. (604-NEW)*
- G. Hydra Stop Line Stopping and Valve Kit: \$100,000 – FY15 – Equipment will be ordered that will stop flow in water lines where valves are not available. The equipment also allows for the insertion of a valve into the line without taking the line out of service. (604-NEW)*
- H. New 8" Pipeline – BART Access Road near Maintenance Yard: \$300,000 – FY15 – This project will allow for the construction of 736 feet of 8-inch pipeline along the BART Access Road near the BART Maintenance Yard. (604-TBD)*
- I. New 1000' Zone Regulating Station (Skyline Drive): \$475,000 – FY15 – A new regulating station will be constructed to feed Zone 1000' along Skyline Drive from Zone 1285R1. (604-NEW)*
- J. New 12" Pipeline – Dunn Road near RCEC: \$580,000 – FY15 – This project will construct 1,325 feet of 12" diameter pipeline along Dunn Road near the Russell City Energy Center. (604-NEW)*

WATER SYSTEM PROJECTS (continued):

- K. *New 0.75MG Tank, Pumps, and Generator at Garin Reservoir/Pumps Station Site: \$1,565,000 – FY15 – This project will construct a new 0.75-MG water tank at the Garin Reservoir Site and install two new pumps and a new generator at the Garin Pump Station. (604-NEW)*
 - L. *New 1.2MG Reservoir in 1530' Zone: \$1,890,000 – FY15 – A new 1.8 MG water storage reservoir will be designed and constructed in the 1530 elevation zone, adjacent to the existing 2.85 MG reservoir. (604-NEW)*
 - M. *Overhead Structures at 250' and 500' Pump Stations: \$310,000 – FY15 and FY16 – An overhead structure will be built to protect the 250' and 500' pumps and motor control centers from the elements. (604-NEW)*
 - N. *New 12" Pipeline – Navan/Benmore Drive: \$110,000 – FY16 – This project will construct 250 feet of 12-inch diameter pipeline to connect the 18-inch diameter pipeline along Navan to the 8-inch diameter pipeline along Benmore Drive. (604-NEW)*
 - O. *Rehabilitation of Pressure Regulation Station in 250' Zone: \$500,000 – FY16 – Existing valves, flow meters and SCADA monitoring devices for all PR Stations (total of ten) will be replaced at Zone 250 as the existing pressure regulation devices are outdated and not functioning. (604-NEW)*
- II. *Miscellaneous Changes:*
- A. *Water System Leak Detection Survey and Repair: Increased project cost by \$75,000. (603-07026)*
 - B. *Annual System Replacement Program: Added funding of \$150,000 each in FY23 & FY24 to continue this program. (603-07006)*
 - C. *High Efficiency Fixture Replacement Program: Added \$100,000 each in FY23 & FY24 to continue this project. (603-07013)*
 - D. *Water System Master Plan Replacement Projects: Reduced total cost for project by \$1,500,000 in order to cover the cost of master plan projects. (603-07112)*
 - E. *Annual Line Replacements FY16-FY24: Added funding of \$1,500,000 each in FY23 & FY24 to continue project. (603-TBD)*
 - F. *Reservoir Water Quality Review: Added funding of \$100,000 to project in order to complete project. (604-07102)*
 - G. *Second Water Supply Source to 330 Zone: Reduced project costs by \$1,500,000 due to the modified scope of work. (604-07140)*

SEWER SYSTEM PROJECTS

I. Added the following projects:

- A. Linden and Halifax Lift Station Backup Generator Replacement: \$350,000 – FY15 – This project will replace emergency generators that will reach the end of their useful life at Halifax and Linden sewer lift stations and well as evaluate the condition of the transfer switch and repair or replace as needed. (611-NEW)*
- B. Sanitary Sewer System Repair at Various Locations: \$800,000 – FY15 & FY16 – This project consists of performing sewer repair by replacing approximately 2,500 feet of existing damaged sewer pipe with new PVC pipe. This project will also install new manholes, rehabilitate broken manholes, and reconnect sewer laterals. (611-NEW)*
- C. West Trickling Filter and Biofilter Project: \$19,500,000 – FY15 & FY16 – This project would replace the existing west tricking filter with a new 150 foot diameter tricking filter as well as construct a new odor control biofilter. (611-NEW)*
- D. Plant Structural Repairs and Canopy Covers: \$675,000 from FY16 through FY18 – This project will allow for miscellaneous plant upgrades, including epoxy injection repair of structural cracking, coatings; and canopy covers over polymer storage tanks and grit handling areas. (611-NEW)*
- E. Site Waste Pump Station and Control Building Improvements: \$370,000 – FY17 – Upgrades to the existing site waste pump station are needed to replace aged facilities and to improve operations. (611-NEW)*
- F. Headworks Renewal and Replacement Project: \$1,100,000 – FY17 – This project allows for the replacement of headworks valve and piping, influent wet well coatings, odor control media replacement, miscellaneous structural repairs, and HVAC system improvements. (611-NEW)*
- G. Heating and Mixing Building Improvements: \$540,000 – FY18 and FY19 – This project will implement safety and reliability improvements at the plant's existing heating and mixing buildings. (611-NEW)*
- H. Upgrade Grade 4 Separation Station Pump Stations: \$160,000 – FY15 – This project will replace existing Paco pumps at the East Harder, West Harder, Orchard and D Street Grade Separation Stations with Flygt submersible pumps. (612-NEW)*
- I. Whitesell Street Extension through WPCF: \$1,645,000 – FY15 – This project would allow for the relocation of plant utilities, storm drain, foul air piping, modifications to influent diversion box, and plant security upgrades in the area of the plant affected by the extension of Whitesell Street through the treatment facility. (612-NEW)*

SEWER SYSTEM PROJECTS (continued):

- J. *Digester Gas Flare Project: \$425,000 – FY15 & FY16 – The existing digester gas flares will be replaced with new flares at locations where gas piping is adequately sized to handle the increased capacity. (612-NEW)*
- K. *Digester Piping and Gas Metering Optimization: \$630,000 – FY15 and FY16 – This project will allow for the installation of new gas meters, pressure relief valves, flame arrestors, three-way valves, and miscellaneous gas piping systems. (612-NEW)*
- L. *Digester Sludge Mixing Tank: \$1,465,000 – FY15 and FY16 – A new sludge mixing tank with steep cone bottom will be provided in order to blend influent sludge and other digester feed stocks such as scum and FOG upstream of the digesters. (612-NEW)*
- M. *Sludge Screening: \$2,370,000 – FY15 and FY16 – This project will retain comminution with the new sludge screening facility that removes debris from sludge and scum prior to feeding to digesters. (612-NEW)*
- N. *New Operations Building: \$7,600,000 – FY15 and FY16 – A new Operations building will be built as the existing building is aged and undersized. (612-NEW)*
- O. *Upgrade Valle Vista Station Discharge: \$200,000 – FY16 – This project will modify the Valle Vista discharge manifold so pump discharge connections to the force main header enter the pipe at a 45 degree angle. (612-NEW)*
- P. *Chlorine Disinfection System Improvements: \$7,200,000 – FY16 and FY17 – A new sodium hypochlorite storage facilities and chlorine contact tank will be installed on the WPCF site adjacent to new EBDA pump station. (612-NEW)*
- Q. *Replacement and Relocation of EBDA Pump Station: \$8,800,000 – FY16 and FY17 – This project will replace the existing EBDA pump station and provide a new location for the station at the WPCF facility. (612-NEW)*
- R. *Mechanical Sludge Dewatering Facility: \$2,600,000 – FY17 – A new mechanical sludge dewatering process will be constructed in accordance with the 2013 WPCF Master Plan and Facilities Update. (612-NEW)*
- S. *Aeration Blower: \$85,000 – FY19 – This project will allow for the installation of an additional 2800 scfm multi-stage centrifugal blower. (612-NEW)*
- T. *Primary Effluent Flow Equalization: \$2,500,000 – FY20 and FY21 – New primary wet weather and effluent equalization basins will be constructed per the 2013 WPCF Master Plan and Facilities Update. (612-NEW)*
- U. *New Standby Power Generator: \$2,000,000 – FY23 and FY24 – A new standby power generator needs to be constructed in order to handle increasing plant loads. (612-NEW)*

SEWER SYSTEM PROJECTS (continued):

II. Miscellaneous Changes:

- A. EBDA Outfall Replacement Payment: Added \$150,000 each in FY23 & FY24 to continue to pay Hayward's share of the outfall replacement fund. (611-07516)*
- B. Miscellaneous Plant Replacements: Added \$350,000 each in FY23 & FY24 to continue this program. (611-07529)*
- C. Miscellaneous Lift Station Equipment Replacement: Added \$150,000 each in FY23 & FY24 to continue this program. (611-07575)*
- D. Annual Line Replacements - FY14-FY22: Added \$1,200,000 each in FY23 & FY24 to continue project. (611-TBD)*
- E. Recycled Water Treatment and Distribution Facilities: Added \$2,100,000 to project to reflect current cost estimates. (612-07507)*
- F. Headworks Hydraulic Forcemain Improvement: Added \$165,000 to project due to more current cost estimate. (612-07534)*

AIRPORT PROJECTS

I. Added the following projects:

- A. South Side Access Road and Perimeter Road Improvements: \$520,000 – FY15 – Repairs to both roads will improve the movement of traffic around the Airport, especially in the south side area. (632-NEW)*
- B. Pavement Rehabilitation – Runways 28L/10R: \$2,200,000 – FY18 – Runways 28L/10R, especially as it pertains to striping, are in need of repair due to deterioration and wear. (632-NEW)*

II. Miscellaneous Changes:

- A. Crash Rescue Equipment: Added \$250,000 to project in order to purchase a replacement crash rescue vehicle in FY20. (621-06840)*
- B. Wireless Internet Access at Airport: Added \$50,000 to project as current system is obsolete. (621-06834)*
- C. New Administration Building: Added \$50,000 in order to complete project. (621-06815)*

AIRPORT PROJECTS *(continued)*:

- D. *Miscellaneous Pavement, Building, and Grounds Repairs: Added funding of \$50,000 each in FY23 & FY24 to continue this project. (621-06891)*
- E. *Noise Monitoring: Added funding of \$45,000 each in FY23 & FY24 to continue this project. (621-06898)*
- F. *Airport Striping Maintenance (Runways 28L/10R): Project was reduced by \$520,000 and changed to reflect an annual effort to re-stripe the runways at a cost of \$20,000 per year from FY14 through FY17, at which point the runway will undergo extensive pavement rehabilitation in FY18. (621-06820)*

FY 2015 - FY 2024 CAPITAL IMPROVEMENT PROGRAM

CAPITAL PROJECT EXPENDITURE SUMMARY											
PROJECT DESCRIPTION	PROJECT TOTAL	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24
Livable Neighborhoods	30,214	2,665	3,201	3,318	3,582	3,800	2,750	2,769	2,690	2,709	2,730
Road & Street Projects	92,069	28,285	21,392	4,934	4,602	4,681	5,381	5,238	5,795	5,652	6,109
Building/Misc Projects	3,895	540	440	175	405	225	645	190	225	225	825
Fleet Management	35,153	4,354	3,174	3,005	3,041	2,658	3,419	5,088	3,636	3,906	2,872
Landscaping & Parks	570	320	250	0	0	0	0	0	0	0	0
Equipment	15,896	3,214	1,129	1,305	2,622	1,533	1,363	618	1,746	1,249	1,117
Water System Projects	68,140	22,420	9,350	4,830	5,830	1,830	7,880	3,610	1,830	8,730	1,830
Sewer System Projects	107,452	16,232	47,360	22,025	3,075	3,135	2,610	5,285	1,910	2,160	3,660
Airport Projects	23,427	3,542	627	3,007	2,791	560	12,290	170	135	170	135
TOTAL CAPITAL EXPENDITURES	376,816	81,572	86,923	42,599	25,948	18,422	36,338	22,968	17,967	24,801	19,278
<p>NOTE: Expenditure amounts do not include reimbursements or transfers between funds, or vehicle replacements and operating/maintenance expenses. All expenditures expressed in \$1,000's. Additionally, these totals do not reflect payment of debt service.</p>											

CAPITAL PROJECTS BY CATEGORY

Expenditure amounts do not include reimbursements, transfers between funds, or vehicle replacements and operating/maintenance expense.

			PRIOR	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
			EXPEND.	EXPEND.	EXPEND.	EXPEND.	EXPEND.	EXPEND.	EXPEND.	EXPEND.	EXPEND.	EXPEND.	EXPEND.	
			(In thousands)											
FUND:	PROJ. NO.	DESCRIPTION												
LIVABLE NEIGHBORHOODS														
Gas Tax Fund (210)	05190	Wheelchair Ramps - FY15 - Districts 1 & 8	12	108										120
Gas Tax Fund (210)	05132	New and Replacement Street Lights	496	50	50	50	50	50	50	50	50	50	50	996
Gas Tax Fund (210)	05186	Traffic Signal Energy	367	78	80	81	83	84	86	88	90	91	93	1,221
Gas Tax Fund (210)	05187	Traffic Signal Maintenance	579	253	258	263	268	274	279	285	291	296	302	3,348
Gas Tax Fund (210)	05188	Streetlight Energy	1,728	344	351	358	365	372	380	387	395	403	411	5,494
Gas Tax Fund (210)	05189	Streetlight Maintenance	614	208	212	216	221	225	230	234	239	244	249	2,892
Gas Tax Fund (210)	TBD	Wheelchair Ramps FY16 - FY24	0	12	120	120	120	120	120	120	120	120	120	1,092
Measure B Tax (215)	05166	Speed Monitoring Devices	217	30	30	30	30	30	30	30	30	30	30	517
Measure B Tax (216)	05268	New Sidewalks FY16: Hayward Blvd	8	42	400									450
Measure B Tax (216)	05175	Pedestrian Traffic Signal Improvements	203	20	20	20	20	20	20	20	20	20	20	403
Measure B Tax (216)	05260	Project Predesign Services	10	20	20	20	20	20	20	20	20	20	20	210
Measure B Tax (216)	TBD	New Sidewalks FY17-FY24	0	0	50	500	500	500	500	500	500	500	500	4,050
Measure B Tax (216)	NEW	New Sidewalks FY15: Laurel Avenue	50	250										300
Measure B Tax (216)	NEW	Pedestrian Master Plan/Update Bicycle Master Plan	0	200										200
Capital Proj (Gov't) (405)	06906	Mural Art Program	125	75	75	75								350
Capital Proj (Gov't) (405)	05102	Landscape Material/Street Tree Replacements	59	55	55	55	55	55	55	55	55	55	55	609
Capital Proj (Gov't) (405)	06938	Annual Median Tree & Shrub Replacement	60	50	50	50	50	50	50	50	50	50	50	560
Capital Proj (Gov't) (405)	06950	Neighborhood Partnership Program Project	345	50	50	50	50	50	50	50	50	50	50	845
Street System Imp (450)	05157	Median Landscaping Improvement Project FY14	200	100										300
Street System Imp (450)	05264	Sidewalk Rehabilitation FY14 - Districts 7 & 10	260	540										800
Street System Imp (450)	05263	Median Landscaping Improvement Project FY15	0	50	450									500
Street System Imp (450)	05267	Sidewalk Rehabilitation FY15 - Districts 1 & 8	0	50	750									800
Street System Imp (450)	TBD	Sidewalk Rehabilitation FY16 - FY24	0	0	50	800	800	800	800	800	700	700	700	6,150
Street System Imp (450)	TBD	Median Landscaping Improvement Project FY16	0	0	50	450								500
Street System Imp (450)	TBD	Median Landscaping Improvement Project FY17	0	0	0	100	770							870
Street System Imp (450)	TBD	Median Landscaping Improvement Project FY18	0	0	0	0	100	1,070						1,170
Transp Sys Imp (460)	05734	Speed Lump Installation Program	80	80	80	80	80	80	80	80	80	80	80	880
TOTAL LIVABLE NEIGHBORHOODS PROJECTS			5,413	2,665	3,201	3,318	3,582	3,800	2,750	2,769	2,690	2,709	2,730	35,627

CAPITAL PROJECTS BY CATEGORY

Expenditure amounts do not include reimbursements, transfers between funds, or vehicle replacements and operating/maintenance expense.

Expenditure amounts do not include reimbursements, transfers between funds, or vehicle replacements and operating/maintenance expense.			PRIOR	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
			EXPEND.	EXPEND.	EXPEND.	EXPEND.	EXPEND.	EXPEND.	EXPEND.	EXPEND.	EXPEND.	EXPEND.	EXPEND.	
(In thousands)														
FUND:	PROJ. NO.	DESCRIPTION												
ROAD AND STREET PROJECTS														
Gas Tax Fund (210)	05191	Pavement Rehabilitation - Gas Tax FY15	50	950										1,000
Gas Tax Fund (210)	05106	Project Predesign	60	30	30	30	30	30	30	30	30	30	30	360
Gas Tax Fund (210)	05110	Pavement Management Program	65	15	65	15	65	15	65	15	65	15	65	465
Gas Tax Fund (210)	05116	Congestion Management Program	82	87	92	97	103	109	116	123	130	137	144	1,220
Gas Tax Fund (210)	05140	Miscellaneous Curb and Gutter Repair	30	30	30	30	30	30	30	30	30	30	30	330
Gas Tax Fund (210)	TBD	Pavement Rehabilitation - Gas Tax FY16 - FY24	0	50	800	800	700	700	700	600	600	700	700	6,350
Measure B Tax (215)	05251	Pavement Reconstruction FY15	350	2,050										2,400
Measure B Tax (215)	05199	Project Predesign Services	30	30	30	30	30	30	30	30	30	30	30	330
Measure B Tax (215)	TBD	Pavement Reconstruction FY16 - FY24	0	50	800	900	900	900	900	800	900	1,000	1,100	8,250
Measure B Tax (215)	TBD	Pavement Rehabilitation, Measure B FY16 - FY24	0	100	1,400	1,300	1,400	1,400	1,500	1,700	1,700	1,600	1,700	13,800
Vehicle Reg Fee (218)	05261	Pavement Reconstruction VRF FY15	100	800										
Vehicle Reg Fee (218)	TBD	Pavement Rehabilitation/Reconstruction VRF FY16-FY24	0	50	750	750	750	750	750	750	750	750	750	
Vehicle Reg Fee (218)	NEW	Whipple Pavement Repair (City share for Union City Proj)	0	120										
Route 238 Imp (410)	05194	Prelim Design/Env Study - Phases 2 and 3	200	1,800										2,000
Route 238 Imp (410)	05270	Rte 238 Corridor Improvement Proj - Phase 2	0	4,000	15,900									19,900
Route 238 Imp (410)	05114	Administration and Predesign	324	60	60	60	60	60	60	60	60	60	60	924
Street System Imp (450)	05265	Pavement Rehabilitation - Industrial Blvd	100	1,409										1,509
Street System Imp (450)	05266	Pavement Reconstruction FY15 - Winton and Industrial	50	1,150										1,200
Street System Imp (450)	05197	880/92 Reliever Route Project - Phase I	12,675	14,397	440									27,512
Street System Imp (450)	05148	Project Predesign Services	228	30	30	30	30	30	30	30	30	30	30	528
Street System Imp (450)	TBD	City Municipal Parking Lot #4	0	270										270
Street System Imp (450)	TBD	Pavement Reconstruction FY16-FY24	0	50	550	400	0	0	400	500	700	700	700	4,000
Street System Imp (450)	TBD	City Municipal Parking Lot #1	0	0	0	322								322
Street System Imp (450)	TBD	City Municipal Parking Lot #3	0	0	0	0	134							134
Street System Imp (450)	TBD	City Municipal Parking Lot #7	0	0	0	0	0	107						107
Street System Imp (450)	TBD	Slurry Seal/Preventive Maintenance - FY19-FY24	0	0	0	0	0	350	400	400	400	400	400	2,350
Street System Imp (450)	NEW	Transit Connector Feasibility Study	20	178										198
Transp Sys Imp (460)	05705	Citywide Intersection Improvement Study	150	150										300
Transp Sys Imp (460)	05706	Signal Timing and Controller Replacement Program - A St	150	59										209
Transp Sys Imp (460)	05709	Traffic Control Devices Repair/Replacement	40	40	40	40	40	40	40	40	40	40	40	440
Transp Sys Imp (460)	05856	Controller Cabinet Replacement Program	25	25	25	25	25	25	25	25	25	25	25	275
Transp Sys Imp (460)	05877	Transportation System Management Projects	40	40	40	40	40	40	40	40	40	40	40	440
Transp Sys Imp (460)	05893	Quick Response Traffic Safety Projects	15	15	15	15	15	15	15	15	15	15	15	165
Transp Sys Imp (460)	05701	Sig Timing and Contrl Repl Prog-Hesperian, Tennyson, Winton	648	0	45									693
Transp Sys Imp (460)	TBD	Intersection Improvement Project - TBD	0	50	250	50	250	50	250	50	250	50	250	1,500
Transp Sys Imp (460)	NEW	Traffic Impact Fee Study	0	200										200
TOTAL ROAD AND STREET PROJECTS			15,432	28,285	21,392	4,934	4,602	4,681	5,381	5,238	5,795	5,652	6,109	99,681

CAPITAL PROJECTS BY CATEGORY

Expenditure amounts do not include reimbursements, transfers between funds, or vehicle replacements and operating/maintenance expense.			PRIOR EXPEND.	FY15 EXPEND.	FY16 EXPEND.	FY17 EXPEND.	FY18 EXPEND.	FY19 EXPEND.	FY20 EXPEND.	FY21 EXPEND.	FY22 EXPEND.	FY23 EXPEND.	FY24 EXPEND.	TOTAL
			(In thousands)											
FUND:	PROJ. NO.	DESCRIPTION												
BUILDING/MISC PROJECTS														
Capital Proj (Gov't) (405)	06901	City Facilities Needs Assessment Study	250	180										430
Capital Proj (Gov't) (405)	06977	UST Remediation Study - Fire Station 2	295	25										320
Capital Proj (Gov't) (405)	05160	Surplus Property Maintenance	15	15	15	15	15	15	15	15	15	15	15	165
Capital Proj (Gov't) (405)	06121	Property Taxes on Excess Right-of-Way	5	5	5	5	5	5	5	5	5	5	5	55
Capital Proj (Gov't) (405)	06907	Project Predesign Services	35	35	35	35	35	35	35	35	35	35	35	385
Capital Proj (Gov't) (405)	06905	Disaster Preparedness Exercise	0	50										50
Capital Proj (Gov't) (405)	06968	Sealing Centennial Hall Parking Deck	232	0	0	0	0	0	0	30				262
Facilities Capital (726)	07211	Underground Storage Tank Upgrades and Certification	85	20	20	20	20	20	20	30	30	30	30	325
Facilities Capital (726)	07201	HVAC Replacement/Various Units	236	0	65	70	70							441
Facilities Capital (726)	07202	Miscellaneous Flooring Replacement	84	0	55	0	230	50	25	25	25	25	25	544
Facilities Capital (726)	07203	Roof Repair/Replacement	262	0	115	0	0	0	425					802
Facilities Capital (726)	07217	Exterior Painting of City Facilities	30	0	45	0	0	0	90	0	35	35	35	270
Facilities Capital (726)	07210	Window Covering Replacement	48	0	55	0	0	0	0	20	20	20	20	183
Facilities Capital (726)	07209	Emergency Generator Replacements - Fire Station Nos. 2-6	155	0	0	0	0	70						225
Facilities Capital (726)	TBD	Interior Painting of City Facilities	0	30	30	30	30	30	30	30	30	30	30	300
Facilities Capital (726)	NEW	Animal Control Floor Coating	0	60										60
Facilities Capital (726)	NEW	FD Training Tower Siding Replacement	0	60										60
Facilities Capital (726)	NEW	Furniture Replacement	0	60	0	0	0	0	0	0	30	30	30	150
Facilities Capital (726)	NEW	Fleet Management Work Area	0	0	0	0	0	0	0	0	0	0	600	600
TOTAL BUILDING & MISCELLANEOUS PROJECTS			1,732	540	440	175	405	225	645	190	225	225	825	5,627
FLEET MANAGEMENT														
Fleet Mgmt Capital (736)	07301	Vehicle Replacement Needs - Fire	4,422	1,185	912	902	929	997	985	2,693	1,495	1,076	1,109	16,705
Fleet Mgmt Capital (736)	07302	Vehicle Replacement Needs - Other General Fund	1,478	499	803	464	807	740	585	741	609	483	634	7,843
Fleet Mgmt Capital (736)	07303	Vehicle Replacement Needs - Police	2,208	551	568	776	765	765	794	738	760	1,368	806	10,099
Fleet Mgmt Enterprise (737)	07352	Vehicle Replacement Needs - Sewer	690	1,212	143	328	236	75	239	412	253	235	242	4,065
Fleet Mgmt Enterprise (737)	07353	Vehicle Replacement Needs - Water	628	592	435	344	265	81	452	246	380	131	81	3,635
Fleet Mgmt Enterprise (737)	07350	Vehicle Replacement Needs - Airport	59	30	90	191	39	0	113	0	0	339	0	861
Fleet Mgmt Enterprise (737)	07351	Vehicle Replacement Needs - Stormwater	207	285	223	0	0	0	251	258	139	274	0	1,637
TOTAL FLEET MANAGEMENT PROJECTS			9,692	4,354	3,174	3,005	3,041	2,658	3,419	5,088	3,636	3,906	2,872	44,845

CAPITAL PROJECTS BY CATEGORY

Expenditure amounts do not include reimbursements, transfers between funds, or vehicle replacements and operating/maintenance expense.			PRIOR EXPEND.	FY15 EXPEND.	FY16 EXPEND.	FY17 EXPEND.	FY18 EXPEND.	FY19 EXPEND.	FY20 EXPEND.	FY21 EXPEND.	FY22 EXPEND.	FY23 EXPEND.	FY24 EXPEND.	TOTAL
			(In thousands)											
FUND:	PROJ. NO.	DESCRIPTION												
LANDSCAPE PROJECTS														
Water Replacement (603)	07049	City-owned Turf Area Assessment & Pilot Turf Repl Program	70	35										105
Water Replacement (603)	07050	Bay-Friendly Water Conserv/Demonstration Garden	10	160										170
Water Replacement (603)	07047	Water Efficient Landscape Surveys and Incentives	100	125	250									475
TOTAL LANDSCAPE PROJECTS			180	320	250	0	0	0	0	0	0	0	0	750
EQUIPMENT														
Gas Tax Fund (210)	05133	StreetView System Upgrade	104	76	0	60	0	60	0	60	0	60	0	420
Capital Proj (Gov't) (405)	07402	Supporting Services Equipment	44	34	25	165	82	52	27	54	25	32	30	570
Capital Proj (Gov't) (405)	07405	SWAT Team Equipment	132	56	44	17	18	30	16	17	47	84	72	533
Capital Proj (Gov't) (405)	07409	Police Officer Equipment	160	151	72	66	240	175	321	66	60	240	156	1,707
Capital Proj (Gov't) (405)	07411	Field Operations Equipment	34	32	27	2	2	25	22	27	32	19	25	247
Capital Proj (Gov't) (405)	07412	Criminal Investigations Equipment	11	14	8	14	2	28	14	2	20	2	22	137
Capital Proj (Gov't) (405)	07466	Self-Contained Breathing Apparatus	760	440										1,200
Capital Proj (Gov't) (405)	07469	Fire Operations Equipment	230	130										360
Capital Proj (Gov't) (405)	07452	Fire Special Operations	378	82	82	200	157	82	103	82	82	82	82	1,412
Capital Proj (Gov't) (405)	07475	Replacement Equipment for Maintenance Services	80	50	25	25	25	25	10	10	10	10	10	280
Capital Proj (Gov't) (405)	07451	Defibrillators	250	0	0	0	240							490
Street System Imp (450)	05153	Alameda County Aerial Photography	100	0	0	50	0	0	50					200
Water Replacement (603)	TBD	SCADA System Evaluation and Upgrade	0	0	0	0	500							500
Sewer Replacement (611)	TBD	Collection Systems SCADA System Evaluation and Upgrade	0	0	0	0	300							300
Sewer Replacement (611)	TBD	WPCF SCADA System Evaluation and Upgrade	0	0	0	0	0	0	500					500
Info Tech Capital (731)	07255	Enterprise Resource Planning (ERP) System	3,830	140	140									4,110
Info Tech Capital (731)	07253	Desktop Computer Replacement Program	950	125	125	125	125	125	125	125	125	125	125	2,200
Info Tech Capital (731)	07256	Public Safety Mobile Replacement Project	1,034	50	50	50	400	400	50	50	50	50	50	2,234
Info Tech Capital (731)	07257	Network Server Replacement Project	160	262	100	100	100	100	100	100	100	100	100	1,322
Info Tech Capital (731)	07259	Geographic Information System Improvements	75	25	25	25	25	25	25	25	25	25	25	325
Info Tech Capital (731)	NEW	Agenda Management System Replacement	0	100										100
Info Tech Capital (731)	NEW	Security Camera Pilot Project	0	200										200
Info Tech Capital (731)	NEW	Network Infrastructure Replacement - Police Department	0	149	58	58	58	58	0	0	60	60	60	561
Info Tech Capital (731)	NEW	Network Infrastructure Replacement	0	348	348	348	348	348	0	0	360	360	360	2,820
Info Tech Capital (731)	NEW	Council Chambers Technology Upgrade	0	750	0	0	0	0	0	0	750			1,500
TOTAL EQUIPMENT			8,332	3,214	1,129	1,305	2,622	1,533	1,363	618	1,746	1,249	1,117	24,228

CAPITAL PROJECTS BY CATEGORY

Expenditure amounts do not include reimbursements, transfers between funds, or vehicle replacements and operating/maintenance expense.

			PRIOR	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
			EXPEND.	EXPEND.	EXPEND.	EXPEND.	EXPEND.	EXPEND.	EXPEND.	EXPEND.	EXPEND.	EXPEND.	EXPEND.	
			(in thousands)											
FUND:	PROJ. NO.	DESCRIPTION												
WATER SYSTEM PROJECTS														
Water Replacement (603)	07026	Water System Leak Detection Survey and Repair	125	150										275
Water Replacement (603)	07043	Asset Management Plan	2	98										100
Water Replacement (603)	07035	City Irrigation System Backflow Replacements	130	10	10									150
Water Replacement (603)	07025	Conversion to Advanced Metering Infrastructure	0	2,000	2,000	2,000								6,000
Water Replacement (603)	07005	Cast Iron Water Pipeline Replacement	1,000	1,000	1,000	1,000	1,000							5,000
Water Replacement (603)	07003	Miscellaneous Hydrant Replacement Program	88	50	25	25	25	25	25	25	25	25	25	363
Water Replacement (603)	07006	Annual System Replacement Program	100	150	150	150	150	150	150	150	150	150	150	1,600
Water Replacement (603)	07013	High Efficiency Fixture Replacement Program	900	100	100	100	100	100	100	100	100	100	100	1,900
Water Replacement (603)	07030	Project Predesign Services	25	25	25	25	25	25	25	25	25	25	25	275
Water Replacement (603)	07112	Water System Master Plan Replacement Projects	0	0	0	500	500							1,000
Water Replacement (603)	07046	Replace 16" Water Line near Mission & Willis	0	0	0	0	0	0	250	1,780				2,030
Water Replacement (603)	TBD	Annual Water Line Replacements FY15	0	300										300
Water Replacement (603)	TBD	Annual Line Replacements FY16-FY24	0	0	1,000	1,000	1,000	1,500	1,500	1,500	1,500	1,500	1,500	12,000
Water Replacement (603)	NEW	Floor Drain Removal Project at 1285 and 1530 Tanks	0	200										200
Water Replacement (603)	NEW	Parts Replacement at Wells B & D2	0	400										400
Water Replacement (603)	NEW	Restore Water Mains Crossing at I-880	0	550										550
Water Replacement (603)	NEW	Green Hayward PAYS Pilot Project	0	1,000										1,000
Water Replacement (603)	NEW	Reservoir Coating Inspection/Recoating at 250' East, 250' West, Garin, South Walpert, Treeview, and 1000'	0	1,500	1,500									3,000
Water Improvement (604)	07102	Reservoir Water Quality Review	100	200										300
Water Improvement (604)	07106	Dead-End Water Main Improvements	200	200										400
Water Improvement (604)	07122	Mission Aqueduct Seismic Improvements	750	3,000										3,750
Water Improvement (604)	07136	System Seismic Upgrades	0	400										400
Water Improvement (604)	07140	Second Water Supply Source to 330 Zone	370	400										770
Water Improvement (604)	07160	Seismic Retrofit Maitland Reservoir & Appurtenances	530	1,600										2,130
Water Improvement (604)	07173	Seismic Retrofit Highland 250 Reservoirs	29	997										1,026
Water Improvement (604)	07176	Utility Center Renovation/Training Center Addition (2nd Floor)	304	2,500										2,804
Water Improvement (604)	07105	Solar Power at Various Water Facilities	0	500	2,500									3,000
Water Improvement (604)	07108	D St, Treeview, Maitland Reservoir Water Quality Pump Upgrade	100	100	250									450

CAPITAL PROJECTS BY CATEGORY

Expenditure amounts do not include reimbursements, transfers between funds, or vehicle replacements and operating/maintenance expense.			PRIOR EXPEND.	FY15 EXPEND.	FY16 EXPEND.	FY17 EXPEND.	FY18 EXPEND.	FY19 EXPEND.	FY20 EXPEND.	FY21 EXPEND.	FY22 EXPEND.	FY23 EXPEND.	FY24 EXPEND.	TOTAL
FUND:	PROJ. NO.	DESCRIPTION	(In thousands)											
Water Improvement (604)	07029	Project Predesign Services	15	15	15	15	15	15	15	15	15	15	15	165
Water Improvement (604)	07119	Radio Telemetry & Transducer Replacement & Upgrade	15	15	15	15	15	15	15	15	15	15	15	165
Water Improvement (604)	07172	New 3 MG Reservoir at High School Reservoir Site	103	0	0	0	0	0	0	0	0	6,900		7,003
Water Improvement (604)	TBD	Groundwater Mgmnt Plan Modeling & Implementation	0	0	0	0	3,000							3,000
Water Improvement (604)	TBD	New 2 MG Reservoir at Hesperian Site	0	0	0	0	0	0	5,800					5,800
Water Improvement (604)	NEW	Hesperian Site Additional Paving	0	90										90
Water Improvement (604)	NEW	Hydra Stop Line Stopping and Valve Kit	0	100										100
Water Improvement (604)	NEW	New 8" Pipeline - BART Access Road Near Maintenance Yard	0	300										300
Water Improvement (604)	NEW	New 1000' Zone Regulating Station (Skyline Drive)	0	475										475
Water Improvement (604)	NEW	New 12" Pipeline - Dunn Road Near RCEC	0	580										580
Water Improvement (604)	NEW	New 0.75MG Tank, Pumps, and Generator at Garin Reservoir/Pumps Station Site	0	1,565										1,565
Water Improvement (604)	NEW	New 1.2MG Reservoir in 1530' Zone	200	1,690										1,890
Water Improvement (604)	NEW	Overhead Structures at 250' and 500' Pump Stations	0	160	150									310
Water Improvement (604)	NEW	New 12" Pipeline - Navan/Benmore Drive	0	0	110									110
Water Improvement (604)	NEW	Rehabilitation of Pressure Regulation Station in 250' Zone	0	0	500									500
TOTAL WATER SYSTEM PROJECTS			5,086	22,420	9,350	4,830	5,830	1,830	7,880	3,610	1,830	8,730	1,830	73,226

CAPITAL PROJECTS BY CATEGORY

Expenditure amounts do not include reimbursements, transfers between funds, or vehicle replacements and operating/maintenance expense.

			PRIOR	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
			EXPEND.	EXPEND.	EXPEND.	EXPEND.	EXPEND.	EXPEND.	EXPEND.	EXPEND.	EXPEND.	EXPEND.	EXPEND.	
			(In thousands)											
FUND:	PROJ. NO.	DESCRIPTION												
SEWER SYSTEM PROJECTS														
Sewer Replacement (611)	07531	Asset Management Plan	1	99										100
Sewer Replacement (611)	07611	Equalization Pond Diversion Valve Replacement	0	100										100
Sewer Replacement (611)	07642	Headworks Hydraulic Valve Actuator and Shaft Replacement	0	150										150
Sewer Replacement (611)	07648	Seismic Retrofit Miscellaneous Plant Buildings	5	370										375
Sewer Replacement (611)	07664	UST Cleanup and Closure at Maintenance Building	220	35										255
Sewer Replacement (611)	07516	EBDA Outfall Replacement Payment	100	100	120	120	120	120	150	150	150	150	150	1,430
Sewer Replacement (611)	07524	Project Predesign Services	15	15	15	15	15	15	15	15	15	15	15	165
Sewer Replacement (611)	07529	Miscellaneous Plant Replacements	300	300	300	300	300	300	350	350	350	350	350	3,550
Sewer Replacement (611)	07575	Miscellaneous Lift Station Equipment Replacement	100	100	100	100	100	100	150	150	150	150	150	1,350
Sewer Replacement (611)	07594	Collection Systems SCADA & Transducer Replacement	15	15	15	15	15	15	15	15	15	15	15	165
Sewer Replacement (611)	07596	WPCF SCADA System Miscellaneous Replacements	15	15	15	15	15	15	15	15	15	15	15	165
Sewer Replacement (611)	07544	Stormwater Trash Capture Device - Phase II	0	0	0	150								150
Sewer Replacement (611)	07656	Main 480V MCC Electrical Distribution Repairs	0	0	0	0	0	0	50	1,175				1,225
Sewer Replacement (611)	TBD	Digester #2 Cleaning	0	150										150
Sewer Replacement (611)	TBD	Annual Line Replacements FY15	0	200										200
Sewer Replacement (611)	TBD	Sewer Collection System Master Plan Recommendations	0	500	500	500	500							2,000
Sewer Replacement (611)	TBD	Annual Line Replacements FY16 - FY24	0	0	1,000	1,000	1,000	1,200	1,200	1,200	1,200	1,200	1,200	10,200
Sewer Replacement (611)	TBD	WPCF Access Roads Rehabilitation	0	0	0	500								500
Sewer Replacement (611)	TBD	Valle Vista Submersible Pump Repl and Wet Well Rehab	0	0	0	800								800
Sewer Replacement (611)	TBD	Digester #2 Cleaning and Dome Rehabilitation	0	0	0	0	500							500
Sewer Replacement (611)	TBD	Digester #1 Cleaning and Dome Rehabilitation	0	0	0	0	0	500						500
Sewer Replacement (611)	TBD	Gravity Belt Thickener Rebuilding	0	0	0	0	0	500						500
Sewer Replacement (611)	TBD	Tennyson Lift Station Submersible Pump Repl & Wet Well Rehab	0	0	0	0	0	0	350					350
Sewer Replacement (611)	NEW	Linden and Halifax Lift Station Backup Generator Repl	0	350										350
Sewer Replacement (611)	NEW	Sanitary Sewer System Repair at Various Locations	0	70	730									800
Sewer Replacement (611)	NEW	West Trickling Filter and Biofilter Project	0	2,200	17,300									19,500
Sewer Replacement (611)	NEW	Plant Structural Repairs and Canopy Covers	0	0	225	225	225							675
Sewer Replacement (611)	NEW	Site Waste Pump Station and Control Bldg Improvements	0	0	0	370								370
Sewer Replacement (611)	NEW	Headworks Renewal and Replacement Project	0	0	0	1,100								1,100
Sewer Replacement (611)	NEW	Heating and Mixing Building Improvements	0	0	0	0	270	270						540

CAPITAL PROJECTS BY CATEGORY

Expenditure amounts do not include reimbursements, transfers between funds, or vehicle replacements and operating/maintenance expense.			PRIOR EXPEND.	FY15 EXPEND.	FY16 EXPEND.	FY17 EXPEND.	FY18 EXPEND.	FY19 EXPEND.	FY20 EXPEND.	FY21 EXPEND.	FY22 EXPEND.	FY23 EXPEND.	FY24 EXPEND.	TOTAL
			(In thousands)											
FUND:	PROJ. NO.	DESCRIPTION												
Sewer Improvement (612)	07515	Convert Gravity Thickener to New Primary Clarifier	400	2,030										2,430
Sewer Improvement (612)	07507	Recycled Water Treatment and Distribution Facilities	537	1,063	10,400									12,000
Sewer Improvement (612)	07523	Project Predesign Services	15	15	15	15	15	15	15	15	15	15	15	165
Sewer Improvement (612)	07530	Solar Power Design and Construction Phase II - 1 MW	94	5,206										5,300
Sewer Improvement (612)	07506	WPCF Administration Building Renovation and Addition	41	1,459	3,000									4,500
Sewer Improvement (612)	07534	Headworks Hydraulic Forcemain Improvement	0	75	590									665
Sewer Improvement (612)	NEW	Upgrade Grade 4 Separation Station Pump Stations	0	160										160
Sewer Improvement (612)	NEW	Digester Gas Flare Project	0	50	375									425
Sewer Improvement (612)	NEW	Digester Piping and Gas Metering Optimization	0	70	560									630
Sewer Improvement (612)	NEW	Digester Sludge Mixing Tank	0	165	1,300									1,465
Sewer Improvement (612)	NEW	Sludge Screening	0	270	2,100									2,370
Sewer Improvement (612)	NEW	New Operations Building	0	900	6,700									7,600
Sewer Improvement (612)	NEW	Upgrade Valle Vista Station Discharge	0	0	200									200
Sewer Improvement (612)	NEW	Chlorine Disinfection System Improvements	0	0	800	6,400								7,200
Sewer Improvement (612)	NEW	Replacement and Relocation of EBDA Pump Station	0	0	1,000	7,800								8,800
Sewer Improvement (612)	NEW	Mechanical Sludge Dewatering Facility	0	0	0	2,600								2,600
Sewer Improvement (612)	NEW	Aeration Blower	0	0	0	0	0	85						85
Sewer Improvement (612)	NEW	Primary Effluent Flow Equalization	0	0	0	0	0	0	300	2,200				2,500
Sewer Improvement (612)	NEW	New Standby Power Generator	0	0	0	0	0	0	0	0	0	250	1,750	2,000
TOTAL SEWER SYSTEM PROJECTS			1,858	16,232	47,360	22,025	3,075	3,135	2,610	5,285	1,910	2,160	3,660	109,310

CAPITAL PROJECTS BY CATEGORY

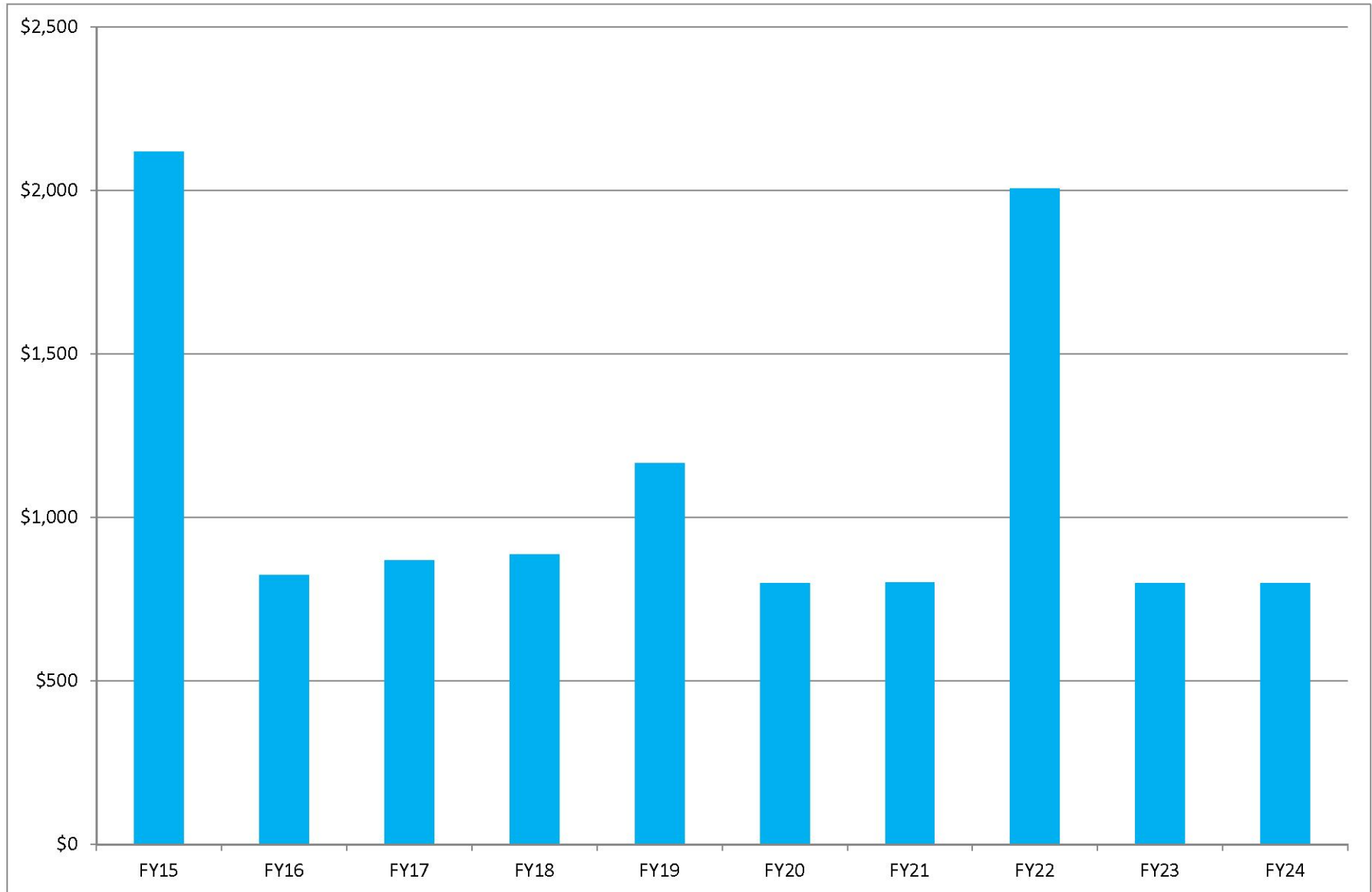
Expenditure amounts do not include reimbursements, transfers between funds, or vehicle replacements and operating/maintenance expense.

			PRIOR	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
			EXPEND.	EXPEND.	EXPEND.	EXPEND.	EXPEND.	EXPEND.	EXPEND.	EXPEND.	EXPEND.	EXPEND.	EXPEND.	
			(In thousands)											
FUND:	PROJ. NO.	DESCRIPTION												
AIRPORT PROJECTS														
Airport Capital (621)	06814	Sulphur Creek Mitigation - Design + Construction	100	2,400										2,500
Airport Capital (621)	06815	New Administration Building	5,072	50										5,122
Airport Capital (621)	06834	Wireless Internet Access at Airport	35	50										85
Airport Capital (621)	06820	Airport Striping Maintenance (Runways 28L/10R)	20	20	20	20								80
Airport Capital (621)	06816	Sulphur Creek 10-Year Monitoring	79	22	5	23	6	23	24					182
Airport Capital (621)	06805	Project Predesign Services	30	30	30	30	30	30	30	30	30	30	30	330
Airport Capital (621)	06806	Consultant Predesign Services	10	10	10	10	10	10	10	10	10	10	10	110
Airport Capital (621)	06891	Miscellaneous Pavement/Building/Grounds Repairs	61	50	50	50	50	50	50	50	50	50	50	561
Airport Capital (621)	06898	Noise Monitoring	468	55	45	45	45	45	45	45	45	45	45	928
Airport Capital (621)	06818	Airport Pavement Management Program Update	35	35	0	35	0	35	0	35	0	35	0	210
Airport Capital (621)	06840	Crash Rescue Equipment	0	0	0	0	0	0	250					250
Airport Capital (621)	TBD	Airport Pavement Rehabilitation FY15 - Airport Terminal Building Access Road	0	300										300
Airport Capital (621)	TBD	Airport Pavement Rehabilitation FY16	0	0	300									300
Airport Capital (621)	TBD	Realignment of Taxiway Zulu	0	0	167	2,444								2,611
Airport Capital (621)	TBD	East T-Hangar Foam Re-roofing	0	0	0	350	450	200						1,000
Airport Capital (621)	TBD	EMAS Runway Safety Area Improvements	0	0	0	0	0	167	8,333					8,500
Airport Capital (621)	TBD	Golf Course Modifications/Road Relocation	0	0	0	0	0	0	3,009					3,009
Airport Capital (621)	TBD	Rehab of TWY Alpha and 10L/28R & Rehab TWY Delta	0	0	0	0	0	0	539					539
Airport Capital (621)	NEW	South Side Access Road and Perimeter Road Improvements	0	520										520
Airport Capital (621)	NEW	Pavement Rehabilitation - Runways 28L/10R	0	0	0	0	2,200							2,200
TOTAL AIRPORT PROJECTS			5,910	3,542	627	3,007	2,791	560	12,290	170	135	170	135	29,337

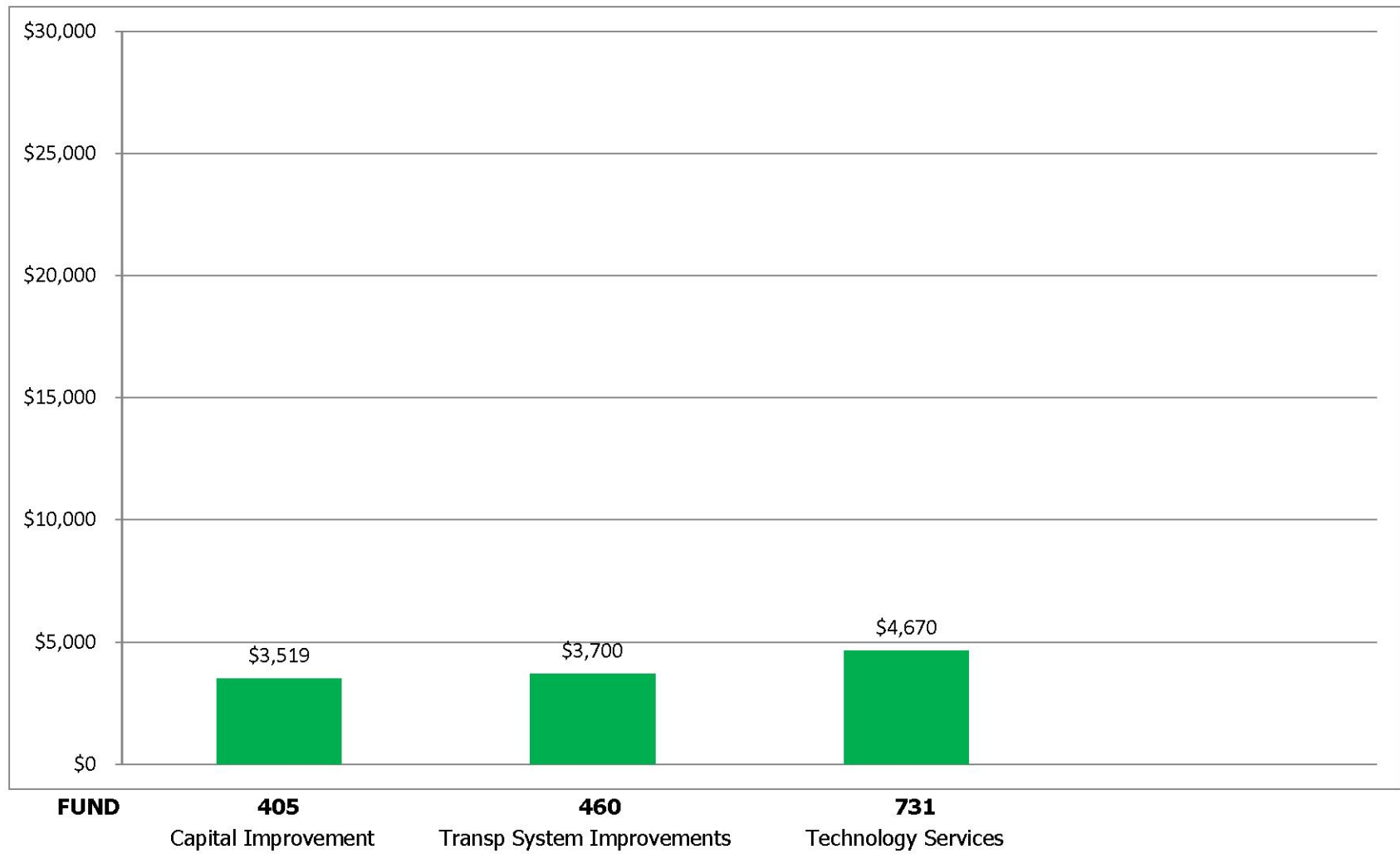
FY 2015 - FY 2024 CAPITAL IMPROVEMENT PROGRAM

GENERAL FUND TRANSFER SUMMARY											
FUND	TRANSFER TOTAL	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24
405 (Capital Projects)	3,519	320	243	279	289	368	399	403	406	406	406
460 (Transportation System Impr)	3,700	550	350	350	350	350	350	350	350	350	350
731 (Technology Capital)	4,670	1,250	232	240	248	450	50	50	1,250	450	450
Subtotal	11,889	2,120	825	869	887	1,168	799	803	2,006	800	800
210 (Gas Tax) ¹	(2,633)	(223)	(230)	(230)	(230)	(230)	(340)	(350)	(350)	(450)	(550)
NET TOTAL	9,256	1,897	595	639	657	938	459	453	1,656	350	250
<div> ¹Gas Tax funds transferred to General Fund for Gas Tax eligible expenditures, such as street maintenance and sidewalk/street patching. All transfers expressed in 1000's. </div>											

TRANSFERS FROM GENERAL FUND (in 1000's)



TRANSFERS FROM GENERAL FUND (in 1000's)



GLOSSARY OF TERMS AND REVENUE SOURCES

ACTC (Alameda County Transportation Commission): The agency that administers the re-authorized Alameda County transportation sales tax program.

Appropriation: An authorization granted by the City Council to make expenditures and to incur obligations for specific purposes.

BAAQMD (Bay Area Air Quality Management District): Agency which sponsors programs and regulates industry and employers to promote clean air.

CMA (Congestion Management Agency): Countywide agency which is responsible for preparing and implementing the County's Congestion Management Program.

CMAQ (Congestion Mitigation and Air Quality Improvement Program): A category of funding administered by NTC, which is available for transportation projects that reduce congestion and improve air quality.

Capital Improvement: A major addition to the City's real property assets including the design, construction, purchase, or major renovation of land, buildings, or facilities. Examples are the installation or repair of new or existing streets, traffic signals, sewer lines, roads, and parks.

Capital Improvement Program (CIP): A plan for single- and multiple-year capital expenditures, which is updated annually, and sets forth each project or expenditure to be completed within the time period covered by the plan.

Debt Service: The payment of interest and principal on borrowed funds.

Expenditure: The amount of cash paid or to be paid for services rendered, goods received, or an asset purchased.

FAA (Federal Aviation Administration): Provides reimbursement for qualified airport projects such as taxiway repairs, runway improvements, etc.

Fiscal Year: The 12-month period to which the annual budget applies. For the City of Hayward, this period of time is July 1 through June 30.

Fund: A separate independent accounting entity used to set forth the financial position of results of operations related to the specific purpose for which the fund was created.

Grant: A contribution by a government or other organization to support a particular function or project.

General Fund: The City's principal operating fund, which is supported by general taxes and fees and which can be used for any legal government purpose.

HSIP (Highway Safety Improvement Program): The purpose of the program is to achieve a significant reduction in traffic fatalities and serious injuries on all public roads through the implementation of infrastructure-related highway safety improvements.

Identified Capital Need: A project that is identified as being necessary in a City-approved policy document, but which has no current identifiable funding source.

ISTEA (Intermodal Surface Transportation Efficiency Act): Pronounced "Ice Tea." Federal law passed in 1991. This funding emphasizes diversity and balance of alternative modes of transportation, and preservation of existing transit systems as a prerequisite to construction of new facilities. Two-year funding cycles include both guaranteed funds for the county as well as competitive categories based on MTC scoring system.

LATIP (Local Alternative Transportation Improvement Program): A State funding program established by legislation based on sale of Route 238 Bypass right-of-way.

LAVWMA (Livermore-Amador Valley Water Management Agency): A joint-powers agency comprised of the cities of Livermore and Pleasanton and the Dublin San Ramon Services District.

OTS (Office of Traffic Safety): The California Office of Traffic Safety, which is charged with reducing fatalities, injuries, and economic losses resulting from motor vehicle crashes through administration of the California Highway Safety Plan (HSP).

OBAG (OneBayArea Grant): The OneBayArea Grant Program is a new funding approach that better integrates the region's federal transportation program with California's climate law and the Sustainable Communities Strategy.

Proposition 1B: Proposition 1B provides bond funds for a variety of transportation priorities, including \$2 billion for cities and counties to fund the maintenance and improvement of local transportation facilities.

RABA (Revenue Aligned Budget Authority): Mechanism to ensure that annual appropriations of federal transportation funding closely match the monies collected from the federal fuel tax. It is used to provide additional funds through the Surface Transportation Program to local jurisdictions for street and road overlays when actual receipts from the federal fuel tax are higher than originally projected.

Revenue: Income received from taxes, fees, permits, franchises, interest, and intergovernmental sources.

Rule 20: Funds are required to be set aside by PG&E for each municipality from its revenues to cover future undergrounding of utilities. The City establishes undergrounding districts and programs funds for specific areas.

Safe Routes to Schools: A federally funded program administered by Caltrans designed to provide monies to local agencies for projects that will promote and improve pedestrian and bicycle safety near schools. The program goal is to encourage increased walking and bicycling to schools.

STIP (State Transportation Improvement Program): Spending program developed at the regional level throughout the state. The STIP determines when and if transportation projects will be funded by the state.

STP (Surface Transportation Program): A category of funding administered by MTC which is available for: roadway or transit rehabilitation; transportation system operational improvements; highway construction; transit facilities; and intermodal port facilities.

TD4 (Transportation Development Act): State law enacted in 1971. Funds derived from a one-quarter of one percent tax on all retail sales in each county. These funds can be used for transit, special transit for the disabled, bicycle and pedestrian purposes.

TEA-21 (Transportation Equity Act for the 21st Century): Federal transportation legislation that retains and expands many programs created under ISTEA. This reauthorizes federal surface transportation programs from 2005-2009 and significantly increases overall funding for transportation.

TFCA (Transportation Fund for Clean Air) (formerly AB434-BAAQMD): Program for which funds are raised by a \$4.00 surcharge on motor vehicle registrations to provide funding to implement strategies to reduce air pollution from motor vehicles. This is a competitive program that funds eligible projects such as: implementation and support of local ridesharing and trip reduction programs, local arterial traffic management, and implementation of bicycle facilities improvements that are included in an adopted county-wide bicycle plan.

TLC (Transportation for Livable Communities): The TLC program supports community-based transportation projects that bring new vibrancy to downtown areas, commercial cores, neighborhoods, and transit corridors. In addition, the program is also intended to enhance a community's amenities and ambience and to make them places where people want to live, work and visit.

UASI (Urban Areas Security Initiative): Funds from this federal program are utilized to address the unique planning, organization, equipment, training, and exercise needs of high-threat, high-density urban areas.

VRF (Vehicle Registration Fee): The Measure F Alameda County Vehicle Registration Fee (VRF) Program, which was approved by voters in November 2010, authorizes a \$10 per year vehicle registration fee. The goal of the VRF program is to sustain the County's transportation network and reduce traffic congestion and vehicle-related pollution.

CAPITAL IMPROVEMENT PROGRAM FUNDS

<i>FUND</i>	<i>REVENUE SOURCE</i>	<i>RESTRICTED/ NON-RESTRICTED</i>	<i>ALLOWABLE USES</i>
<i>210-Gas Tax</i>	<i>Gas Tax (general) - funds paid to the City by the State</i>	<i>Restricted</i>	<i>Any street related project, construction, or maintenance</i>
	<i>Gas Tax (Prop. 111) - approved by voters 6/5/90</i>	<i>Restricted</i>	<i>Any street related project similar to general Gas Tax monies</i>
	<i>Gas Tax Swap – replaces Proposition 42 funds</i>	<i>Restricted</i>	<i>Any street related project similar to general Gas Tax monies</i>
<i>215-Measure B Tax (Local Transportation)</i>	<i>Measure B Local Transportation Funds</i>	<i>Restricted</i>	<i>Local street maintenance and transportation improvements</i>
<i>216-Measure B Tax (Pedestrian and Bicycle)</i>	<i>Measure B Non-Motorized Funds</i>	<i>Restricted</i>	<i>Pedestrian and bicycle improvements</i>
<i>218-Vehicle Registration Fee</i>	<i>Vehicle Registration Fees</i>	<i>Restricted</i>	<i>Local street maintenance and transportation improvements</i>
<i>405-Capital Projects</i>	<i>Construction Tax and Transfers from General Fund when available</i>	<i>Non-Restricted</i>	<i>Any capital expenditure</i>
<i>410-Route 238 Corridor Improvement</i>	<i>State Right-of-Way Rental (12% share of rental fees collected for housing units purchased for Route 238 right-of-way)</i>	<i>Restricted</i>	<i>May be used to fund transportation improvements similar to Gas Tax</i>
<i>450-Street System Improvements</i>	<i>Transfers from General Fund in prior years, Gas Tax "Swap" Funds, and transfers from Measure B Fund and Route 238 Corridor Improvement Fund</i>	<i>Non-Restricted and Restricted Depending on Source of Revenue</i>	<i>Major street system improvements.</i>

<i>FUND</i>	<i>REVENUE SOURCE</i>	<i>RESTRICTED/ NON-RESTRICTED</i>	<i>ALLOWABLE USES</i>
<i>460-Transportation System Improvement</i>	<i>Transfers from the General Fund</i>	<i>Non-Restricted</i>	<i>Established for transportation improvement projects. However, monies can be used for any capital expenditure</i>
<i>603-Water Replacement</i>	<i>Transfers from Water Maintenance & Operation Fund (Fund 605)</i>	<i>Restricted</i>	<i>May be used only for projects related to the water system</i>
<i>604-Water Improvement</i>	<i>Water Facilities Fees from new development</i>	<i>Restricted</i>	<i>May be used only for projects related to the water system</i>
<i>611-Sewer Replacement</i>	<i>Transfers from Sewer Fund (Fund 610)</i>	<i>Restricted</i>	<i>May be used only for projects related to the sewer system</i>
<i>612-Sewer Improvement</i>	<i>Sewer connection fees from new development</i>	<i>Restricted</i>	<i>May be used only for projects related to the sewer system</i>
<i>621-Airport Capital</i>	<i>Transfers from Airport Operating Fund (Fund 620)</i>	<i>Restricted</i>	<i>May be used only for airport projects</i>
<i>726-Facilities Capital</i>	<i>Initial start-up funding from Capital Projects Fund (Fund 405); funding in subsequent years derived from internal service charges</i>	<i>Restricted</i>	<i>May be used only for facilities-related projects</i>

<i>FUND</i>	<i>REVENUE SOURCE</i>	<i>RESTRICTED/ NON-RESTRICTED</i>	<i>ALLOWABLE USES</i>
<i>731-Information Technology Capital</i>	<i>Initial start-up funding from Capital Projects Fund (Fund 405); funding in subsequent years derived from internal service charges</i>	<i>Restricted</i>	<i>May be used only for technology-related projects</i>
<i>736-Fleet Management Capital</i>	<i>Fleet Management Operating Fund (Fund 735) and General Fund</i>	<i>Restricted</i>	<i>May be used only for the purchase of vehicles</i>
<i>737-Fleet Management Enterprise</i>	<i>Operating funds for Airport, Stormwater, Sewer and Water (Funds 605, 610, 615, and 620)</i>	<i>Restricted</i>	<i>May be used only for the purchase of Enterprise Fund vehicles</i>

FY 2015 - FY 2024 CAPITAL IMPROVEMENT PROGRAM

LIVABLE NEIGHBORHOODS EXPENDITURE SUMMARY

PROJECT DESCRIPTION	TOTAL	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24
Pedestrian and Bicycle Improvements	400	220	20	20	20	20	20	20	20	20	20
Wheelchair Ramps	1,200	120	120	120	120	120	120	120	120	120	120
Sidewalk Rehabilitation & New Sidewalks	12,432	902	1,270	1,320	1,320	1,320	1,320	1,320	1,220	1,220	1,220
Speed Hump Installation & Traffic Calming	1,600	160	160	160	160	160	160	160	160	160	160
Street Trees/Median Landscaping/Murals	4,415	330	680	730	975	1,175	105	105	105	105	105
Traffic Signal & Streetlight Energy/Maintenance	9,667	883	901	918	937	955	975	994	1,015	1,034	1,055
New and Replacement Street Lights	500	50	50	50	50	50	50	50	50	50	50
TOTAL CAPITAL EXPENDITURES	30,214	2,665	3,201	3,318	3,582	3,800	2,750	2,769	2,690	2,709	2,730

NOTE: All expenditures expressed in \$1,000's.

FY15 LIVABLE NEIGHBORHOODS														
Expenditure amounts do not include reimbursements, transfers between funds, or vehicle replacements and operating/maintenance expense.			PRIOR EXPEND.	FY15 EXPEND.	FY16 EXPEND.	FY17 EXPEND.	FY18 EXPEND.	FY19 EXPEND.	FY20 EXPEND.	FY21 EXPEND.	FY22 EXPEND.	FY23 EXPEND.	FY24 EXPEND.	TOTAL
			(In thousands)											
FUND:	PROJECT NUMBER	DESCRIPTION												
PEDESTRIAN AND BICYCLE IMPROVEMENTS														
Measure B Tax (216)	05175	Pedestrian Traffic Signal Improvements	203	20	20	20	20	20	20	20	20	20	20	403
Measure B Tax (216)	NEW	Pedestrian Master Plan/Update Bicycle Master Plan	0	200										200
		SUBTOTAL		220	20	20	20	20	20	20	20	20	20	400
WHEELCHAIR RAMPS														
Gas Tax Fund (210)	05190	Wheelchair Ramps FY15 - Districts 1 & 8	12	108										120
Gas Tax Fund (210)	TBD	Wheelchair Ramps FY16 - FY24	0	12	120	120	120	120	120	120	120	120	120	1,092
		SUBTOTAL		120	120	120	120	120	120	120	120	120	120	1,200
SIDEWALK REHABILITATION & NEW SIDEWALK														
Measure B Tax (216)	05268	New Sidewalks FY16: Hayward Blvd.	8	42	400									450
Measure B Tax (216)	05260	Project Predesign Services	10	20	20	20	20	20	20	20	20	20	20	190
Measure B Tax (216)	TBD	New Sidewalks FY17-FY24	0	0	50	500	500	500	500	500	500	500	500	4,050
Measure B Tax (216)	NEW	New Sidewalks FY15: Laurel Avenue	50	250										300
Street System Imp (450)	05264	Sidewalk Rehab Project FY14 - Districts 7 & 10	260	540										800
Street System Imp (450)	05267	Sidewalk Rehab Project FY15 - Districts 1 & 8	0	50	750									800
Street System Imp (450)	TBD	Sidewalk Rehabilitation FY16 - FY24	0	0	50	800	800	800	800	800	700	700	700	6,150
		SUBTOTAL		902	1,270	1,320	1,320	1,320	1,320	1,320	1,220	1,220	1,220	12,432
SPEED HUMP INSTALLATION & TRAFFIC CALMING														
Measure B Tax (215)	05166	Speed Monitoring Devices	217	30	30	30	30	30	30	30	30	30	30	487
Capital Proj (Gov't) (405)	06950	Neighborhood Partnership Program Project	345	50	50	50	50	50	50	50	50	50	50	845
Transp Sys Imp (460)	05734	Speed Hump Installation Program	80	80	80	80	80	80	80	80	80	80	80	880
		SUBTOTAL		160	160	160	160	160	160	160	160	160	160	1,600

FY15 LIVABLE NEIGHBORHOODS															
Expenditure amounts do not include reimbursements, transfers between funds, or vehicle replacements and operating/maintenance expense.				PRIOR EXPEND.	FY15 EXPEND.	FY16 EXPEND.	FY17 EXPEND.	FY18 EXPEND.	FY19 EXPEND.	FY20 EXPEND.	FY21 EXPEND.	FY22 EXPEND.	FY23 EXPEND.	FY24 EXPEND.	TOTAL
				(In thousands)											
FUND:	PROJECT NUMBER	DESCRIPTION													
STREET TREES/MEDIAN LANDSCAPING/MURALS															
Capital Proj (Gov't) (405)	06906	Mural Art Program	125	75	75	75								350	
Capital Proj (Gov't) (405)	05102	Landscape Material/Street Tree Replacements	59	55	55	55	55	55	55	55	55	55	55	609	
Capital Proj (Gov't) (405)	06938	Annual Median Tree & Shrub Replacement	60	50	50	50	50	50	50	50	50	50	50	560	
Street System Imp (450)	05157	Median Landscaping Improvement Project FY14 - Winton: Soutland Drive to Southland Place	200	100										300	
Street System Imp (450)	05263	Median Landscaping Improvement Project FY15 - Industrial Parkway - Hesperian to Hwy 880	0	50	450									500	
Street System Imp (450)	TBD	Median Landscaping Improvement Project FY16 - Hesperian - Winton to Chabot Ct.	0	0	50	450								500	
Street System Imp (450)	TBD	Median Landscaping Improvement Project FY17 - Hesperian - West A St. to Winton	0	0	0	100	770							870	
Street System Imp (450)	TBD	Median Landscaping Improvement Project FY18 - Industrial Blvd. - Hwy 92 to Arf Ave.	0	0	0	0	100	1,070						1,170	
SUBTOTAL				330	680	730	975	1,175	105	105	105	105	105	4,415	
TRAFFIC SIGNAL AND STREETLIGHT ENERGY/MAINTENANCE															
Gas Tax Fund (210)	05186	Traffic Signal Energy	367	78	80	81	83	84	86	88	90	91	93	1,221	
Gas Tax Fund (210)	05187	Traffic Signal Maintenance	579	253	258	263	268	274	279	285	291	296	302	3,348	
Gas Tax Fund (210)	05188	Streetlight Energy	1,728	344	351	358	365	372	380	387	395	403	411	5,494	
Gas Tax Fund (210)	05189	Streetlight Maintenance	614	208	212	216	221	225	230	234	239	244	249	2,892	
SUBTOTAL				883	901	918	937	955	975	994	1,015	1,034	1,055	9,667	
NEW AND REPLACEMENT STREETLIGHTS															
Gas Tax Fund (210)	05132	New and Replacement Street Lights	496	50	50	50	50	50	50	50	50	50	50	996	
SUBTOTAL				50	50	50	50	50	50	50	50	50	50	450	
TOTAL LIVABLE NEIGHBORHOODS PROJECTS				2,665	3,201	3,318	3,582	3,800	2,750	2,769	2,690	2,709	2,730	30,164	

GAS TAX FUND - FUND 210

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PROJ. NO.	PROJECT DESCRIPTION	PROJ. TOTAL	PRIOR YEARS	EST FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24
05104	Wheelchair Ramps - FY13 - Districts 4 & 5 <i>TDA</i>	113 113	28	85 113										
05115	Wheelchair Ramps - FY14 - Districts 7 & 10 <i>TDA</i>	122 122	0	122 122										
05125	Citywide Conversion of Traffic Safety Lights to LED <i>PG&E Loan</i>	176 176	9	167 176										
05139	Citywide Conversion of Streetlights to LED <i>California Energy Commission Loan</i>	2,500 2,500	210 179	2,290 2,321										
05190	Wheelchair Ramps - FY15 - Districts 1 & 8 <i>TDA</i>	120 120	0	12	108 120									
05191	Gas Tax FY15 Pavement Rehabilitation (Slurry Seal) - Joshua, Sixth, Fox Hollow, Oneil, West A St. , A St., Cabot, Campus, West Harder, Harder, Hayward Blvd., Hesperian, Industrial Pkwy West, Meekland, Soto, Sycamore, Winton, Beale, Dean, and Newport	1,000	0	50	950									
05106	Project Predesign	360	N/A	60	30	30	30	30	30	30	30	30	30	30
05110	Pavement Management Program	465	N/A	65	15	65	15	65	15	65	15	65	15	65
05116	Congestion Management Program	1,220	N/A	82	87	92	97	103	109	116	123	130	137	144
05132	New and Replacement Streetlights <i>PG&E Rebate</i>	996 539	157 41	339 498	50	50	50	50	50	50	50	50	50	50
05140	Miscellaneous Curb and Gutter Repair	330	N/A	30	30	30	30	30	30	30	30	30	30	30
05186	Traffic Signal Energy	1,221	257	110	78	80	81	83	84	86	88	90	91	93
05187	Traffic Signal Maintenance	3,348	331	248	253	258	263	268	274	279	285	291	296	302
05188	Streetlight Energy	5,494	1,282	446	344	351	358	365	372	380	387	395	403	411
05189	Streetlight Maintenance	2,892	410	204	208	212	216	221	225	230	234	239	244	249
05133	StreetView System Upgrade	420	104	0	76	0	60	0	60	0	60	0	60	0
TBD	Wheelchair Ramps - FY16 - FY24 <i>TDA</i>	1,092 840	0	0	12	120 120	120 120	120 120	120 120	120 120	120 120	120 120	120 120	120 120
TBD	Pavement Rehabilitation - Gas Tax FY16 - FY24	4,950	0	0	50	800	800	700	700	700	600	600	700	700

GAS TAX FUND - FUND 210

Page 2

PROJ. NO.	PROJECT DESCRIPTION	PROJ. TOTAL	PRIOR YEARS	EST FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24
	TOTAL PROJECT COSTS			4,310	2,291	2,088	2,120	2,035	2,069	2,086	2,022	2,040	2,176	2,194
	Transfer to General Fund for Street & Signal Maintenance	9,247	6,362	702	223	230	230	230	230	340	350	350	450	550
	Transfer to Fund 450 (Gas Tax "Swap" portion)		1,486	1,700	1,600	1,600	1,600	1,600	1,500	1,400	1,500	1,500	1,600	1,600
	Debt Service (CEC loan for Citywide streetlight conversion) - loan payment through FY21 (interest rate of 1%/yr)	2,256		0	282	282	282	282	282	282	282	282		
	Debt Service (PG&E loan for Citywide traffic safety light conversion)	168		4	21	21	21	21	21	21	21	17		
	TOTAL EXPENDITURES			6,716	4,417	4,221	4,253	4,168	4,102	4,129	4,175	4,189	4,226	4,344
	REVENUES:													
	Interest			5	15	9	4	1	0	1	1	2	3	3
	Reimbursements			235	120	120	120	120	120	120	120	120	120	120
	Apportionment Sec. 2105			738	736	743	751	758	766	774	781	789	797	805
	Apportionment Sec. 2106			579	577	583	589	594	600	606	612	619	625	631
	Apportionment Sec. 2107 & 2107.5			917	914	923	932	942	951	961	970	980	990	1,000
	Gas Tax "Swap" Sec. 2103			2,063	1,601	1,617	1,633	1,650	1,666	1,683	1,699	1,716	1,734	1,751
	California Energy Commission Loan		179	2,321										
	PG&E Rebate		41	498										
	PG&E Loan			176										
	REVENUE SUBTOTAL:			7,532	3,963	3,995	4,029	4,065	4,103	4,144	4,184	4,226	4,268	4,310
	TRANSFERS IN FROM:													
	Fund 410 (for Streetlight and Signal Maintenance)		200	100	100									
	TRANSFERS SUBTOTAL:			100	100									
	REVENUE TOTALS:			7,632	4,063	3,995	4,029	4,065	4,103	4,144	4,184	4,226	4,268	4,310
	BEGINNING FUND BALANCE:			1	917	563	337	113	10	12	27	36	74	116
	ENDING FUND BALANCE:			917	563	337	113	10	12	27	36	74	116	81

CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Livable Neighborhoods

Project Title: Wheelchair Ramps FY15 - Districts 1 & 8

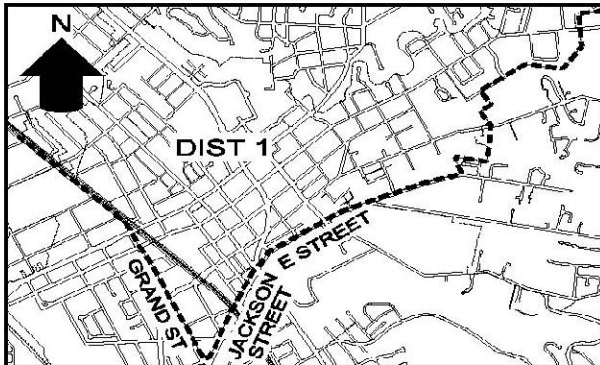
Project No.: 05190

Fund 210 - Gas Tax Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	0	12	108										120
Reimbursements			(120)										(120)
Net Cost to Fund	0	12	(12)										0

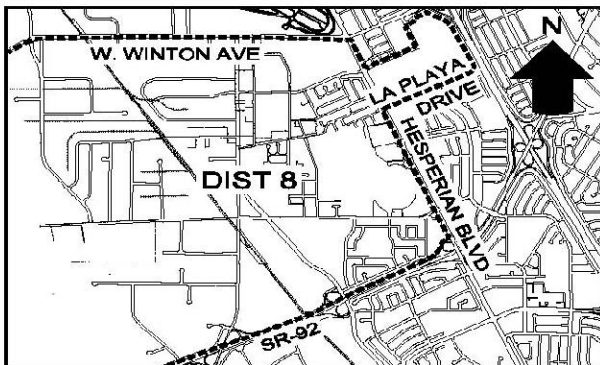


DESCRIPTION:

This project will install wheelchair ramps in Districts 1 and 8.

JUSTIFICATION:

The project is one of several that will enhance neighborhood preservation and provide the disabled with access to streets and sidewalks.



REIMBURSEMENTS:

Transportation Development Act

120

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Road and Street

Project Title: Pavement Rehabilitation - Gas Tax FY15

Project No.: 05191

Fund 210 - Gas Tax Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	0	50	950										1,000
Reimbursements													
Net Cost to Fund	0	50	950										1,000

DESCRIPTION:

Annual street maintenance project to dig out failed pavement areas, replace with deep-lift asphalt concrete, and place slurry seal over the entire asphalt pavement. Other streets throughout the City with more deteriorated pavement conditions are structurally repaired, which includes spot repairs, placement of reinforcing fabric, and construction of an asphalt concrete overlay. As part of a regular preventative maintenance program, portions of various streets throughout the City are scheduled for slurry seal or overlays each year. The streets that are part of this project are Joshua, Sixth, Fox Hollow, Oneil, West A Street, A Street, Cabot, Campus, West Harder, Harder, Hayward Blvd., Hesperian, Industrial Parkway West, Meekland, Soto, Sycamore, Winton, Beale, Dean, and Newport.

JUSTIFICATION:

Application of slurry seal along with spot repairs extends service life of existing pavement and defers the need for total reconstruction of streets.

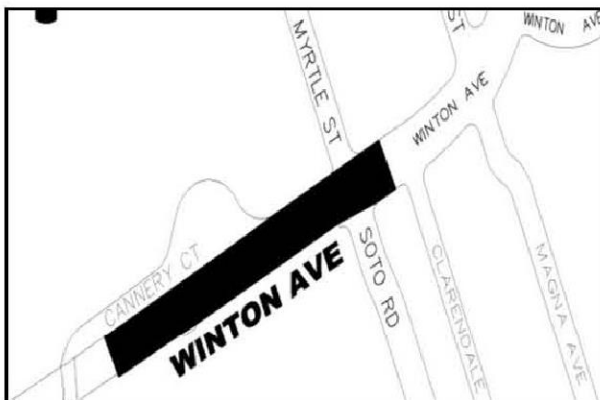
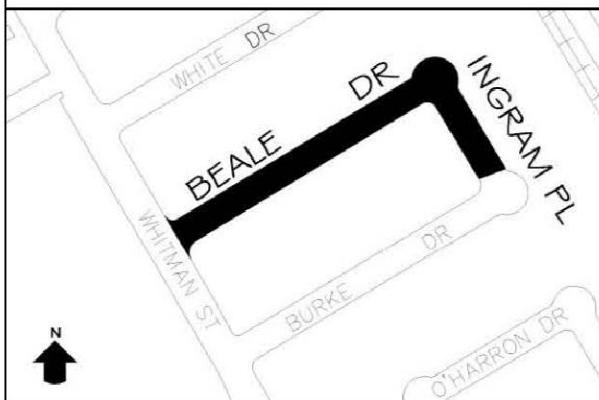
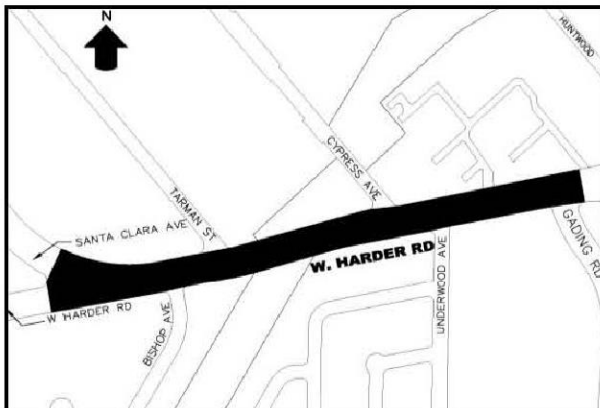
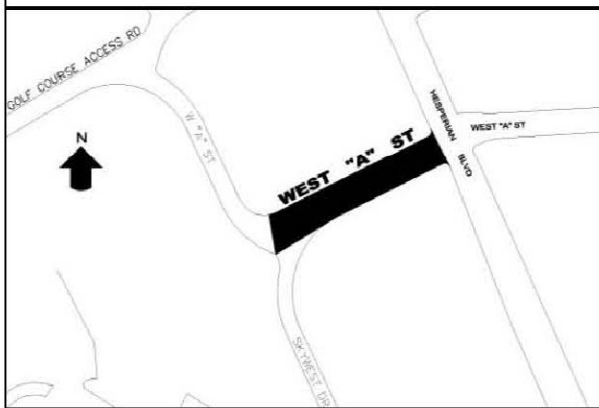
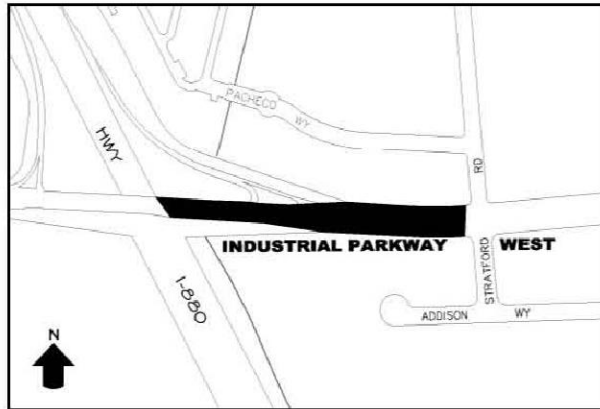
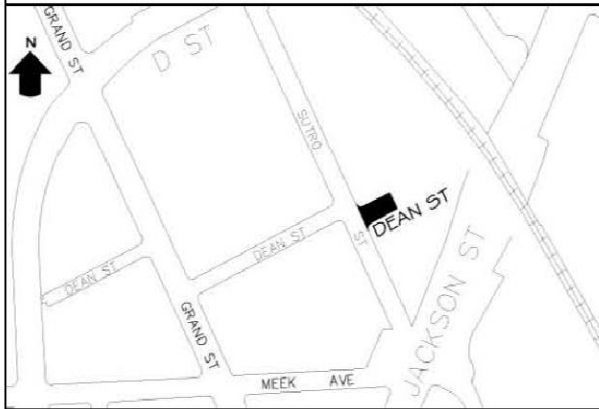
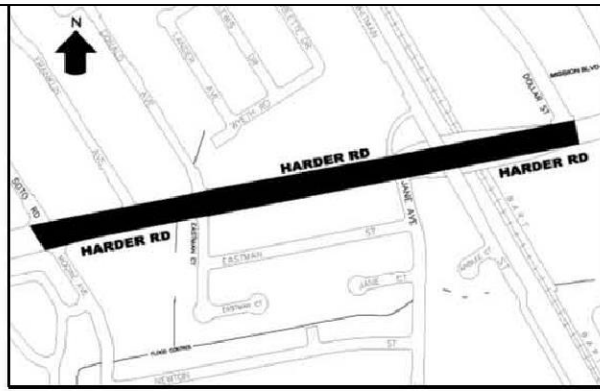
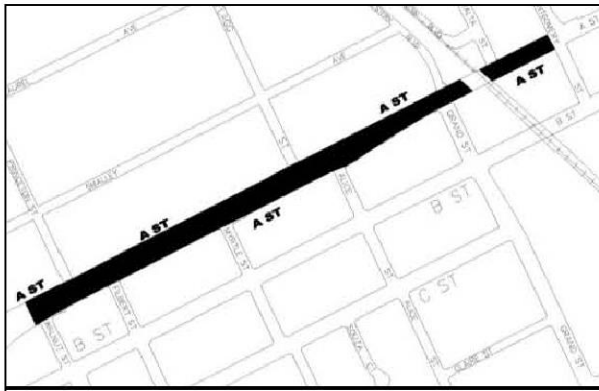
REFER TO MAPS ON NEXT 3 PAGES

REIMBURSEMENTS:

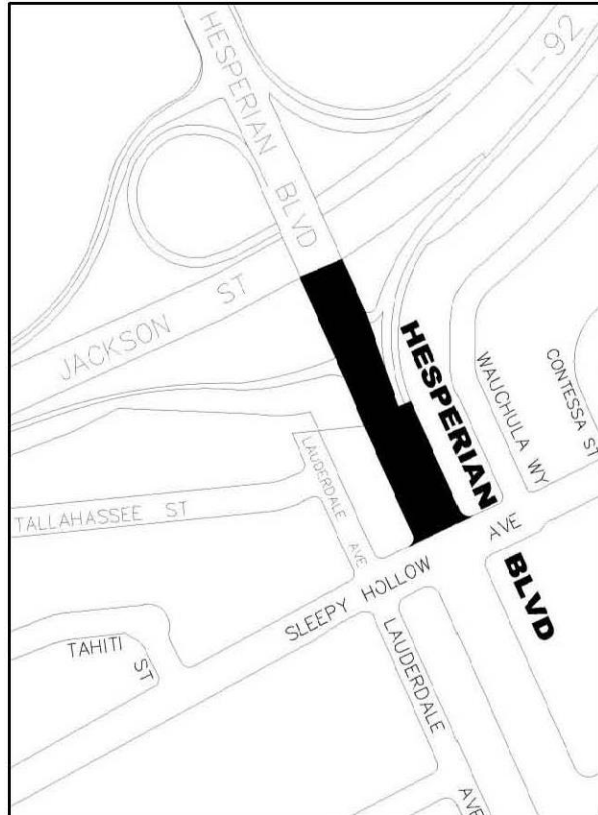
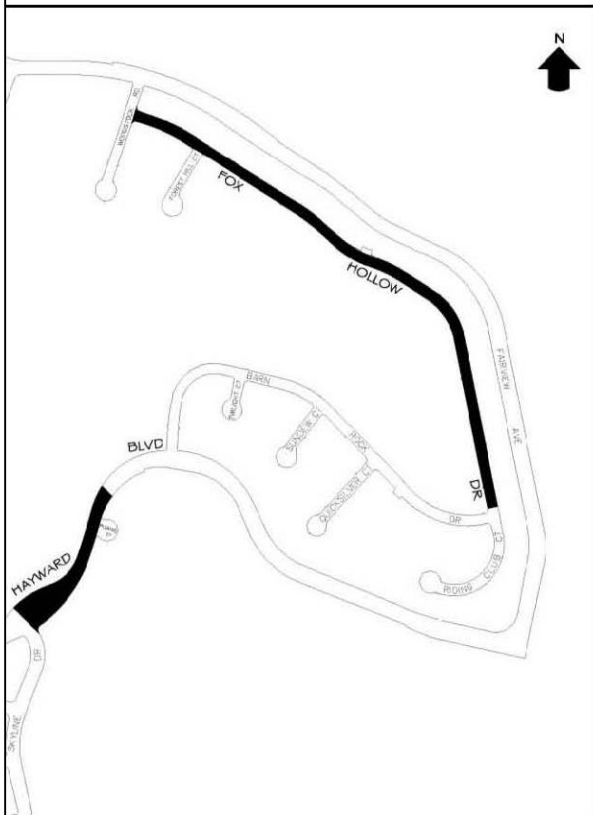
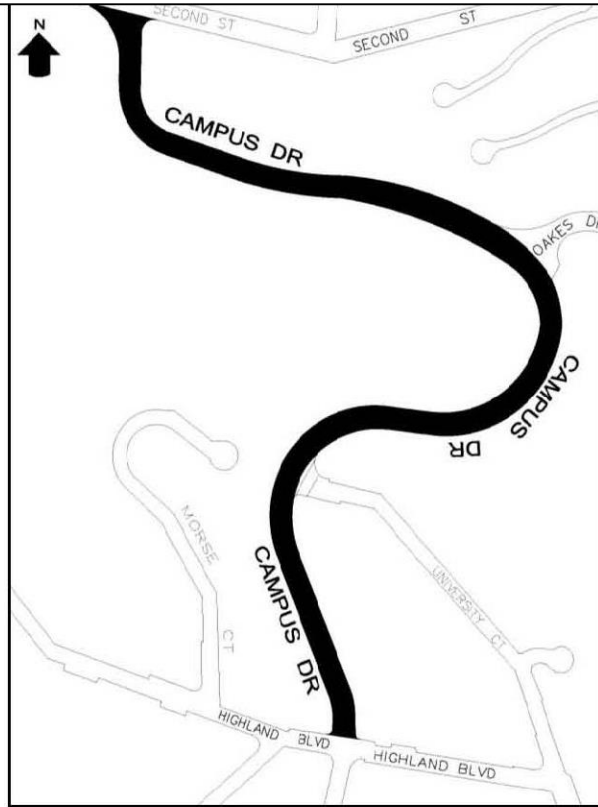
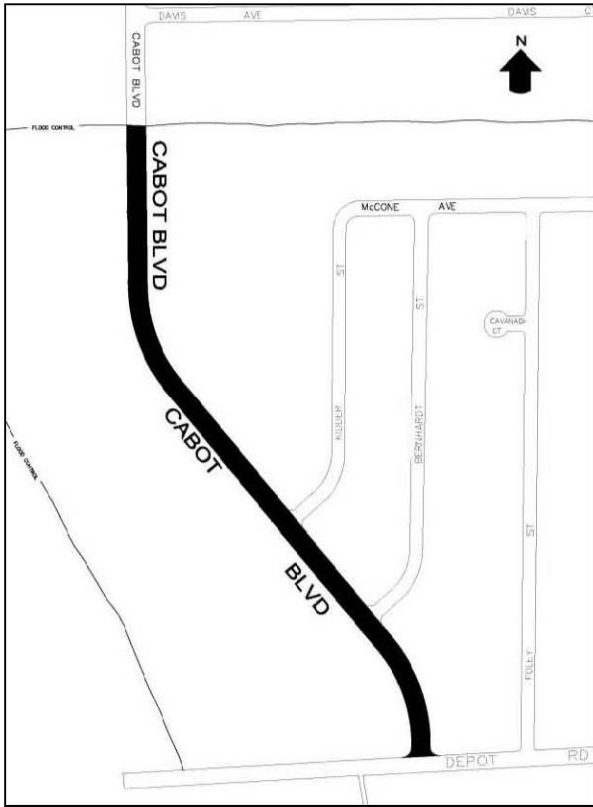
PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

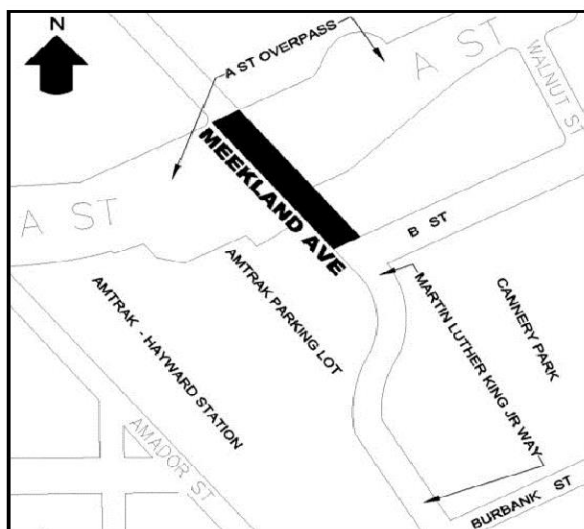
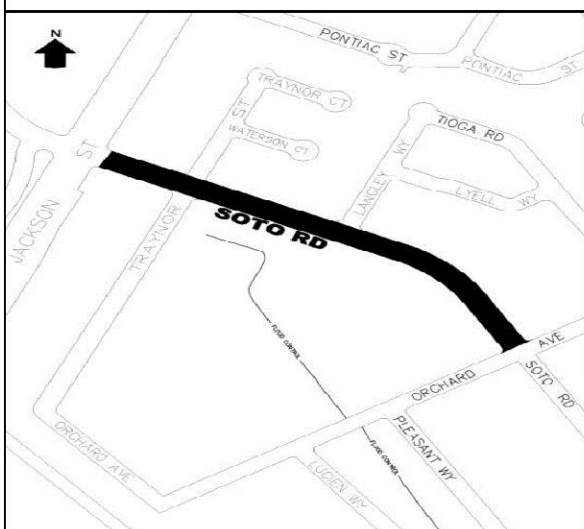
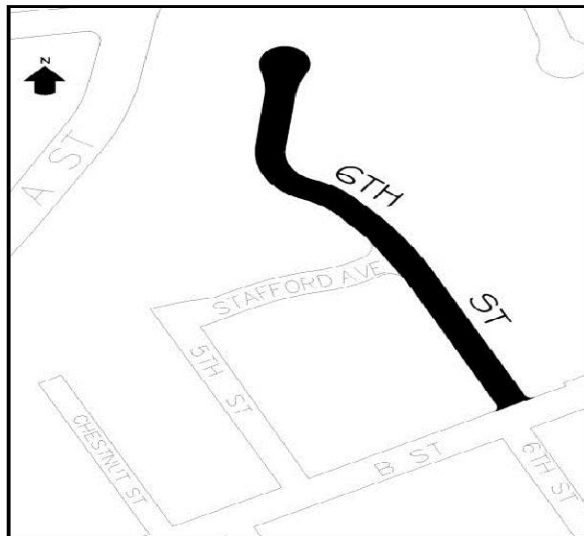
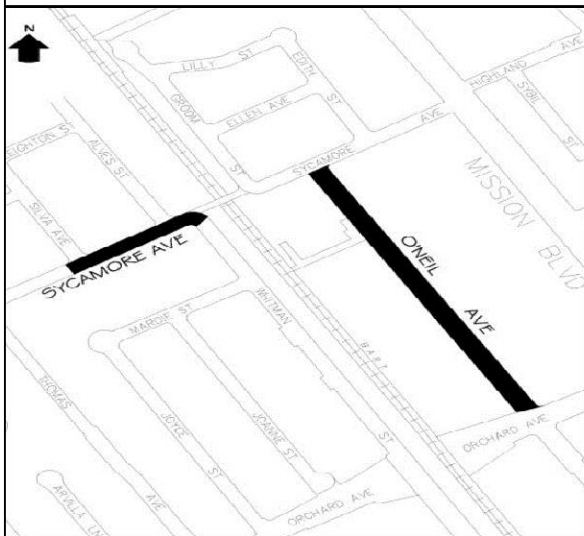
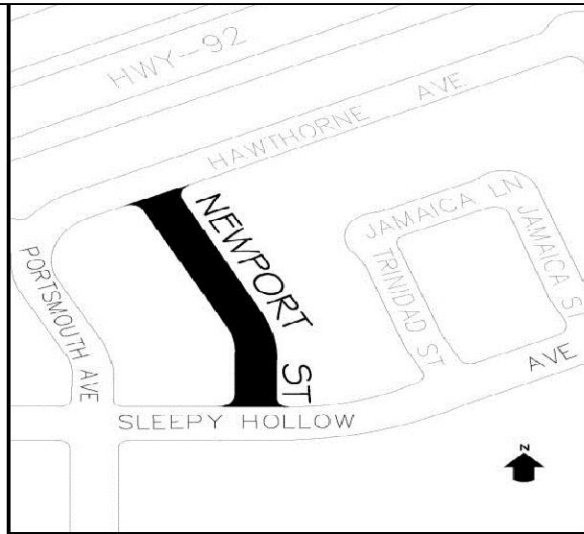
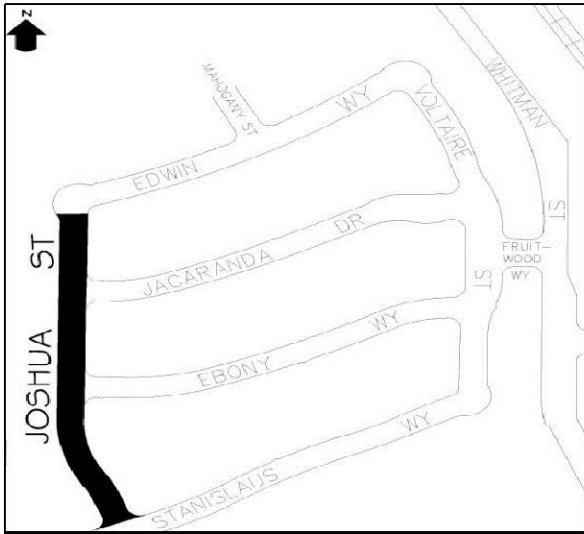
No measurable impact on the General Fund.



210 - 05191
PAVEMENT REHABILITATION
GAS TAX - FY15



210 - 05191
PAVEMENT REHABILITATION
GAS TAX - FY15



210 - 05191
PAVEMENT REHABILITATION
GAS TAX - FY15

CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Road and Street

Project Title: Project Predesign

Project No.: 05106

Fund 210 - Gas Tax Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	N/A	30	30	30	30	30	30	30	30	30	30	30	330
Reimbursements													
Net Cost to Fund	N/A	30	30	30	30	30	30	30	30	30	30	30	330

DESCRIPTION:

City engineering costs associated with predesign of road and street projects, including preliminary survey, design and cost estimates.

Also includes engineering costs associated with overall administration of all capital projects.

JUSTIFICATION:

Predesign projects fund work by Engineering and Transportation Division staff involving preliminary design and general administrative work performed on the Capital Improvement Program by the Engineering and Transportation administration staff.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Added funding of \$30,000 each in FY23 & FY24 to permit the project to continue.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Road and Street

Project Title: Pavement Management Program

Project No.: 05110

Fund 210 - Gas Tax Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	N/A	55	15	65	15	65	15	65	15	65	15	65	455
Reimbursements													
Net Cost to Fund	N/A	55	15	65	15	65	15	65	15	65	15	65	455

DESCRIPTION:

City engineering costs associated with updating computerized inventory and rating system for pavement condition of City streets.

JUSTIFICATION:

This computer system evaluates current and predicts future roadway conditions, and provides an engineering plan for maintaining City streets. Use of this method enables preparation of a logical and efficient method of identification and maintenance implementation. Also, utilization of a Pavement Management System is a prerequisite under certain funding sources.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Added \$15,000 in FY23 & \$65,000 in FY24 to permit the project to continue.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CITY OF
HAYWARD
HEART OF THE BAY

CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Road and Street

Project Title: Congestion Management Program

Project No.: 05116

Fund 210 - Gas Tax Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	N/A	82	87	92	97	103	109	116	123	130	137	144	1,220
Reimbursements													
Net Cost to Fund	N/A	82	87	92	97	103	109	116	123	130	137	144	1,220

DESCRIPTION:

Mandated annual program to provide periodic studies of Congestion Management Program (CMP) routes and financial support for County Congestion Management Agency. Proposition 111 (Section 2105 of Gas Tax) funds may be used to fund this program.

JUSTIFICATION:

In accordance with legislation, a jurisdiction receiving state and federal funding for transportation projects must participate in the County's CMP Agency. Requirements include providing various studies on an on-going basis, preparing updates as specified, and providing support for a travel reduction program.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Added funding of \$137,000 in FY23 & \$144,000 in FY24 to continue the City's contribution to this program.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CITY OF
HAYWARD
HEART OF THE BAY

CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Livable Neighborhoods Project Title: New and Replacement Streetlights
 Project No.: 05132
 Fund 210 - Gas Tax Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	157	339	50	50	50	50	50	50	50	50	50	50	996
Reimbursements													
Net Cost to Fund	157	339	50	50	50	50	50	50	50	50	50	50	996

DESCRIPTION:

Annual project to install and replace streetlights, as needed. Acquisition of existing streetlights from PG&E obligates the City to fund the installation of future lights, throughout the City, when identified as necessary and as funds are available.

JUSTIFICATION:

To provide new and replacement street lighting determined to be necessary for pedestrian and traffic safety.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Added \$50,000 each in in FY23 & FY24 to permit the project to continue.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Road and Street

Project Title: Miscellaneous Curb and Gutter Repair

Project No.: 05140

Fund 210 - Gas Tax Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	N/A	30	30	30	30	30	30	30	30	30	30	30	330
Reimbursements													
Net Cost to Fund	N/A	30	30	30	30	30	30	30	30	30	30	30	330

DESCRIPTION:

Annual project to perform curb and gutter repairs on various streets throughout the City.

JUSTIFICATION:

Performance of repairs to curb and gutter helps to defer total reconstruction and aids in proper streets drainage.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Added funding of \$30,000 each in FY23 & FY24 to permit the project to continue.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Livable Neighborhoods Project Title: Traffic Signal Energy
 Project No.: 05186
 Fund 210 - Gas Tax Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	257	110	78	80	81	83	84	86	88	90	91	93	1,221
Reimbursements													
Net Cost to Fund	257	110	78	80	81	83	84	86	88	90	91	93	1,221

DESCRIPTION:

Annual project to pay for energy costs associated with over 100 City-owned traffic signals.

JUSTIFICATION:

For many years, traffic signal energy costs were supported in the General Fund. By moving the cost to the CIP, the General Fund will be relieved of this responsibility, therefore realizing a net cost savings.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Added a total of \$184,000 in FY23 & FY24 to continue project.

OPERATING BUDGET IMPACTS:

By moving the costs for this item to the CIP, the General Fund will realize an annual savings.

CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Livable Neighborhoods Project Title: Traffic Signal Maintenance
 Project No.: 05187
 Fund 210 - Gas Tax Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	331	248	253	258	263	268	274	279	285	291	296	302	3,348
Reimbursements													
Net Cost to Fund	331	248	253	258	263	268	274	279	285	291	296	302	3,348

DESCRIPTION:

Annual project to pay for any maintenance and repairs associated with over 100 City-owned traffic signals.

JUSTIFICATION:

For many years, traffic signal maintenance was supported in the General Fund. By moving the cost to the CIP, the General Fund will be relieved of this responsibility, therefore realizing a net cost savings.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Added a total of \$598,000 in FY23 & FY24 to continue project.

OPERATING BUDGET IMPACTS:

By moving the costs for this item to the CIP, the General Fund will realize an annual savings.



CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Livable Neighborhoods Project Title: Streetlight Energy
 Project No.: 05188
 Fund 210 - Gas Tax Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	1,282	446	344	351	358	365	372	380	387	395	403	411	5,494
Reimbursements													
Net Cost to Fund	1,282	446	344	351	358	365	372	380	387	395	403	411	5,494

DESCRIPTION:

Annual project to pay for energy costs associated with over 8,000 City-owned streetlights.

JUSTIFICATION:

For many years, streetlight energy costs were supported in the General Fund. By moving the cost to the CIP, the General Fund will be relieved of this responsibility, therefore realizing a cost savings.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Added a total of \$814,000 in FY23 & FY24 to continue project.

OPERATING BUDGET IMPACTS:

By moving the costs for this item to the CIP, the General Fund will realize an annual savings.

CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Livable Neighborhoods Project Title: Streetlight Maintenance
 Project No.: 05189
 Fund 210 - Gas Tax Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	410	204	208	212	216	221	225	230	234	239	244	249	2,892
Reimbursements													
Net Cost to Fund	410	204	208	212	216	221	225	230	234	239	244	249	2,892

DESCRIPTION:

Annual project to pay for any maintenance and repairs associated with over 8,000 City-owned streetlights.

JUSTIFICATION:

For many years, streetlight maintenance costs were supported in the General Fund. By moving the cost to the CIP, the General Fund will be relieved of this responsibility, therefore realizing a cost savings.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Added a total of \$493,000 in FY23 & FY24 to continue project.

OPERATING BUDGET IMPACTS:

By moving the costs for this item to the CIP, the General Fund will realize an annual savings.



CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Equipment

Project Title: StreetView System Upgrade

Project No.: 05133

Fund 210 - Gas Tax Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	104	76	60	0	60	0	60	0	60	0	60	0	480
Reimbursements													
Net Cost to Fund	104	76	60	0	60	0	60	0	60	0	60	0	480

DESCRIPTION:

This project will provide new photographs and upgraded capabilities for the StreetView system in order to better function as a design and planning tool for City staff.

JUSTIFICATION:

Upgrades to the photo functionality of the software package will better allow staff to utilize all of the various functions offered by the program.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Added \$60,000 in FY23 to continue program.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CITY OF
HAYWARD
HEART OF THE BAY

CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Livable Neighborhoods Project Title: Wheelchair Ramps FY16 - FY24
 Project No.: To Be Determined
 Fund 210 - Gas Tax Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures			12	120	120	120	120	120	120	120	120	120	1,092
Reimbursements				(120)	(120)	(120)	(120)	(120)	(120)	(120)	(120)	(120)	(1,080)
Net Cost to Fund			12	0	0	0	0	0	0	0	0	0	12

DESCRIPTION:

Annual project to install wheelchair ramps at various locations Citywide.

Each year, as funds are appropriated, the current portion of the program is segregated to more easily track costs.

JUSTIFICATION:

The project is one of several that will provide access for the disabled to streets and sidewalks and enhance neighborhood preservation.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

Transportation Development Act

1,080

PROJECT MODIFICATIONS:

Added funding of \$120,000 each in FY23 & FY24 to permit the project to continue.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CITY OF
HAYWARD
 HEART OF THE BAY

CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Road and Street

Project Title: Pavement Rehabilitation - Gas Tax FY16-FY24

Project No.: To Be Determined

Fund 210 - Gas Tax Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	0	0	50	800	800	700	700	700	600	600	700	700	6,350
Reimbursements													
Net Cost to Fund	0	0	50	800	800	700	700	700	600	600	700	700	6,350

DESCRIPTION:

Annual street maintenance project to dig out failed pavement areas, replace with deep-lift asphalt concrete, and place slurry seal over the entire asphalt pavement. Other streets throughout the City with more deteriorated pavement conditions are structurally repaired, which includes spot repairs, placement of reinforcing fabric, and construction of an asphalt concrete overlay. As part of a regular preventative maintenance program, portions of various streets throughout the City are scheduled for slurry seal or overlays each year.

As funds are appropriated, the current year portion of the program is segregated to more easily track costs.

JUSTIFICATION:

Application of slurry seal along with spot repairs extends service life of existing pavement and defers the need for total reconstruction of streets.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Added funding of \$700,000 each in FY23 & FY24 to permit the project to continue.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CITY OF
HAYWARD
HEART OF THE BAY

MEASURE B (LOCAL TRANSPORTATION) - FUND 215 (FUND 211)

Page 1

PROJ. NO.	PROJECT DESCRIPTION	PROJ. TOTAL	PRIOR YEARS	EST FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24
05144	Pavement Reconstruction FY14 - Alonda Court, Cottonwood Avenue, and Mitchell Place	844	41	803										
05147	Pavement Rehabilitation, Measure B - FY14 - Danforth Lane, Grasmere Place, Harvest Court, Linfield Lane, Peterman Avenue, Seabreeze Court, Thomwall Lane, and Victory Drive	1,283	48	1,235										
05251	Pavement Reconstruction FY15 - Hawthorne, Capri, Arf, Cryer, Virginia, Edwin, Valle Vista, Westwood, Inglewood, Isabella, Adobe, Highland, Elkgrove, and Spring	2,400	0	350	2,050									
05166	Speed Monitoring Devices	517	181	36	30	30	30	30	30	30	30	30	30	30
05199	Project Predesign Services	330	0	30	30	30	30	30	30	30	30	30	30	30
TBD	Pavement Reconstruction - FY16 - FY24	8,250	0	0	50	800	900	900	900	900	800	900	1,000	1,100
TBD	Pavement Rehabilitation, Measure B - FY16 - FY24	13,800	0	0	100	1,400	1,300	1,400	1,400	1,500	1,700	1,700	1,600	1,700
	TOTAL PROJECT COSTS			2,454	2,260	2,260	2,260	2,360	2,360	2,460	2,560	2,660	2,660	2,860
	TOTAL EXPENDITURES			2,454	2,260	2,260	2,260	2,360	2,360	2,460	2,560	2,660	2,660	2,860
	REVENUES:													
	Interest			6	6	3	2	1	1	1	1	0	1	2
	Reauthorized Measure B			2,002	2,072	2,145	2,220	2,297	2,378	2,461	2,547	2,636	2,729	2,824
	REVENUE SUBTOTAL:			2,008	2,078	2,148	2,222	2,298	2,379	2,462	2,548	2,636	2,730	2,826
	TRANSFERS IN FROM:													
	TRANSFERS SUBTOTAL:			0	0	0	0	0	0	0	0	0	0	0
	REVENUE TOTALS:			2,008	2,078	2,148	2,222	2,298	2,379	2,462	2,548	2,636	2,730	2,826
	BEGINNING FUND BALANCE:			860	414	232	120	81	20	38	40	28	5	74
	ENDING FUND BALANCE:			414	232	120	81	20	38	40	28	5	74	40

CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Road and Street

Project Title: Pavement Reconstruction, Measure B - FY15

Project No.: 05251

Fund 215 Measure B Fund (Local Transportation)

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	0	350	2,050										2,400
Reimbursements													
Net Cost to Fund	0	350	2,050										2,400

STREET

- 1 Hawthorne
- 2 Capri
- 3 Arf
- 4 Cryer
- 5 Virginia
- 6 Edwin
- 7 Valle Vista
- 8 Westwood
- 9 Inglewood
- 10 Isabella
- 11 Adobe
- 12 Highland
- 13 Elkgrove
- 14 Spring

DESCRIPTION:

Annual street maintenance program involving reconstruction or major repair of severely deteriorated streets that will bring them up to acceptable pavement standards. Each year, as funds are appropriated, the current portion of the program is segregated to more closely track costs. The streets that are included in this project are listed to the left and the maps are located on the proceeding pages.

JUSTIFICATION:

The selection of streets for reconstruction is based on staff's analysis of the pavement condition indices identified through the City's computerized Pavement Management Program.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

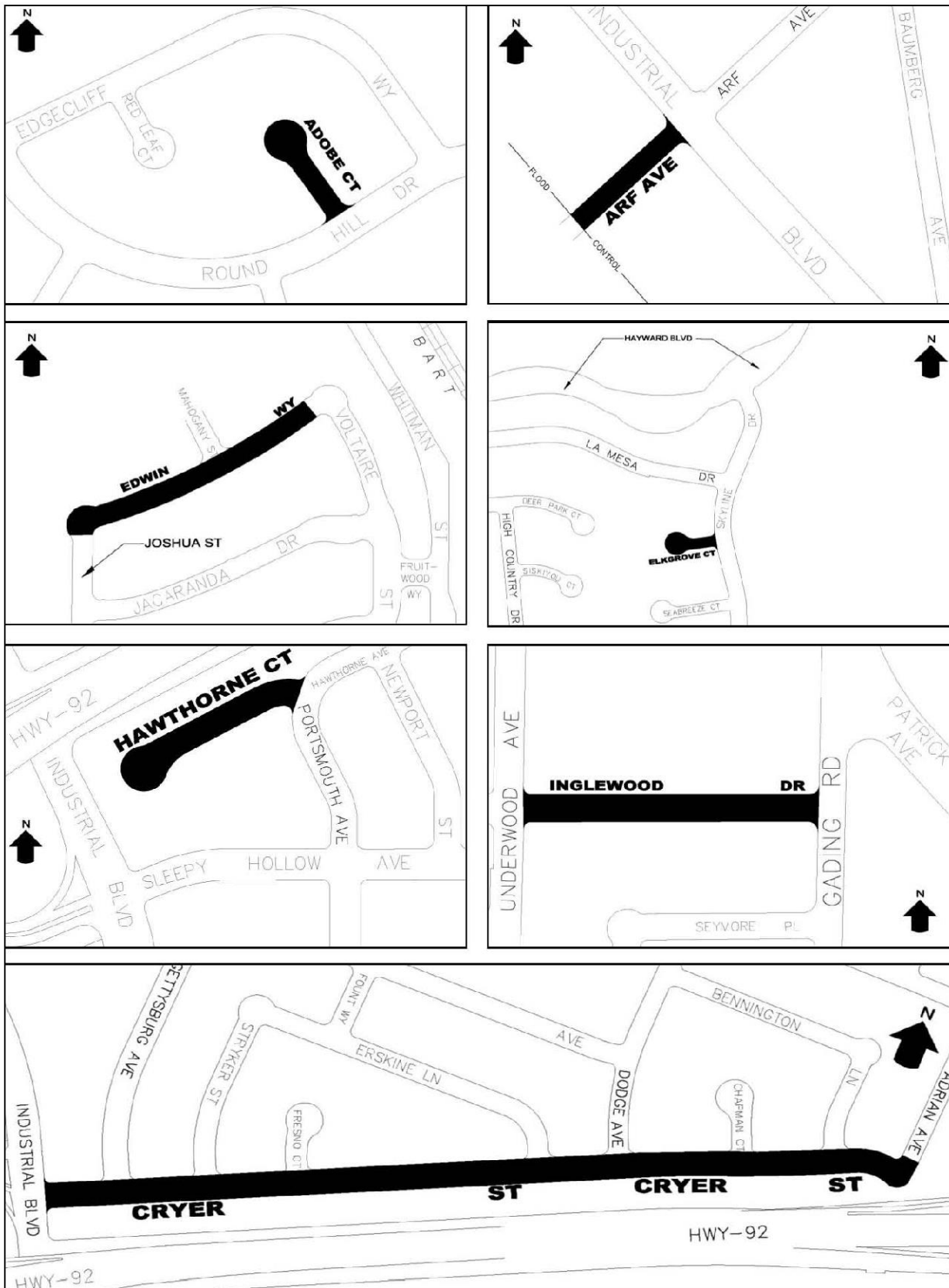
OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

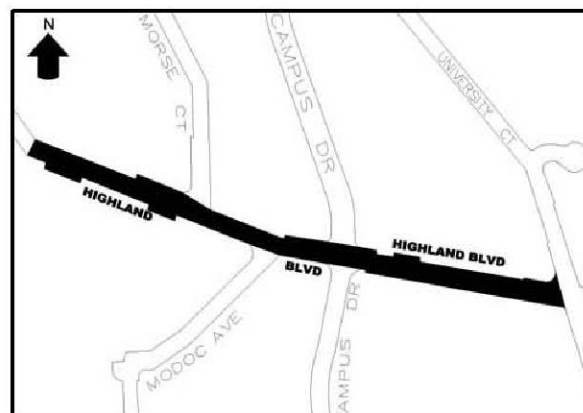
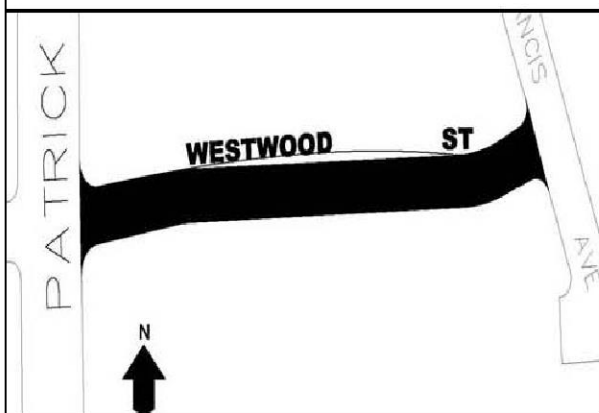
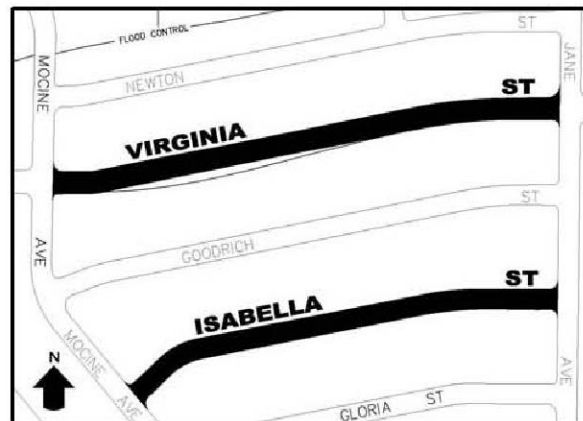
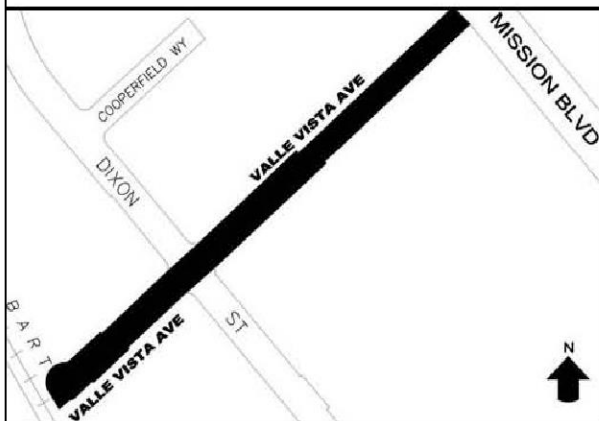
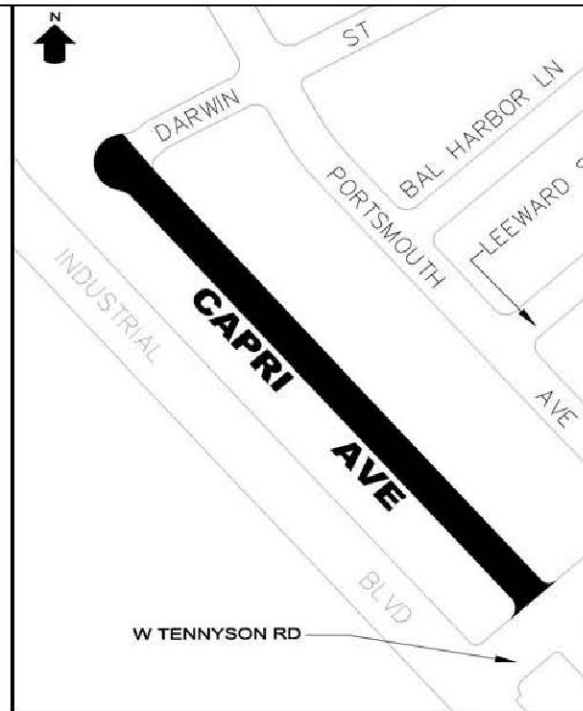
REFER TO MAPS ON NEXT 2 PAGES



CITY OF
HAYWARD
HEART OF THE BAY



215 - 05251
PAVEMENT RECONSTRUCTION
MEASURE B - FY15



215 - 05251
PAVEMENT RECONSTRUCTION
MEASURE B - FY15

CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Livable Neighborhoods Project Title: Speed Monitoring Devices
 Project No.: 05166
 Fund 215 Measure B Fund (Local Transportation)

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	181	36	30	30	30	30	30	30	30	30	30	30	517
Reimbursements													
Net Cost to Fund	181	36	30	30	30	30	30	30	30	30	30	30	517

DESCRIPTION:

Several solar-powered speed monitoring devices will be placed at high-priority locations along thoroughfares throughout the City.

JUSTIFICATION:

Speed monitoring devices will remind motorists of their speed and will assist with pedestrian safety near highly traveled streets.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Added \$30,000 to project each in FY23 and FY24 in order to install additional devices.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Road and Street

Project Title: Project Predesign

Project No.: 05199

Fund 215 Measure B Fund (Local Transportation)

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	N/A	30	30	30	30	30	30	30	30	30	30	30	330
Reimbursements													
Net Cost to Fund	N/A	30	30	30	30	30	30	30	30	30	30	30	330

DESCRIPTION:

City engineering costs associated with predesign of road and street projects, including preliminary survey, design and cost estimates.

Also includes engineering costs associated with overall administration of all capital projects.

JUSTIFICATION:

Predesign projects fund work by Engineering and Transportation Division staff involving preliminary design and general administrative work performed on the Capital Improvement Program by the Engineering and Transportation administration staff.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Added funding of \$30,000 each in FY23 & FY24 to permit the project to continue.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Road and Street

Project Title: Pavement Reconstruction FY16-FY24

Project No.: To Be Determined

Fund 215 Measure B Fund (Local Transportation)

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	0	0	50	800	900	900	900	900	800	900	1,000	1,100	8,250
Reimbursements													
Net Cost to Fund	0	0	50	800	900	900	900	900	800	900	1,000	1,100	8,250

DESCRIPTION:

Annual street maintenance program involving reconstruction or major repair of severely deteriorated streets that will bring them up to acceptable pavement standards.

Each year, as funds are appropriated, the current portion of the program is segregated to more closely track costs.

JUSTIFICATION:

Local streets with a pavement condition index below 30 have generally not been repaired, because of insufficient funding. This program will begin to address these streets.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Added \$1,000,000 in FY23 and \$1,100,000 in FY24 to continue the program.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Road and Street

Project Title: Pavement Rehabilitation, Measure B - FY16-FY24

Project No.: To Be Determined

Fund 215 Measure B Fund (Local Transportation)

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	0	0	100	1,400	1,300	1,400	1,400	1,500	1,700	1,700	1,600	1,700	13,800
Reimbursements													
Net Cost to Fund	0	0	100	1,400	1,300	1,400	1,400	1,500	1,700	1,700	1,600	1,700	13,800

DESCRIPTION:

Annual street maintenance program involving structural repair, including spot repairs, slurry seal where appropriate, grinding existing asphalt and placing pavement-reinforcing fabric, where necessary, and construction of an asphalt concrete overlay on existing deteriorating pavement.

Each year, as funds are appropriated, the current portion of the program is segregated to more easily track costs.

JUSTIFICATION:

An ongoing program of overlays throughout the City, as necessary, to maintain and extend the service life of streets.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Added funding of \$1,600,000 in FY23 and \$1,700,000 in FY24 to continue the program.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

MEASURE B (PEDESTRIAN AND BICYCLE) - FUND 216 (FUND 212)

Page 1

PROJ. NO.	PROJECT DESCRIPTION	PROJ. TOTAL	PRIOR YEARS	EST FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24
05130	Industrial Boulevard Pedestrian/Bicycle Bridge Relocation	320	268	52										
05154	New Sidewalks FY14: Huntwood Ave., D St., Industrial Blvd.	400	68	332										
05176	New Sidewalks FY13: Franklin Ave., Harder Rd. and Phillips Way	500	370	130										
05268	New Sidewalks FY16 - Hayward Blvd	450	0	8	42	400								
05175	Pedestrian Traffic Signal Modifications and Improvements	403	188	15	20	20	20	20	20	20	20	20	20	20
05260	Project Predesign Services	210	0	10	20	20	20	20	20	20	20	20	20	20
TBD	New Sidewalks FY17 - FY24	4,050	0	0	0	50	500	500	500	500	500	500	500	500
NEW	New Sidewalks FY15 - Laurel Avenue	300	0	50	250									
	<i>County</i>	200	0	0	200									
NEW	Pedestrian Master Plan/Update Bicycle Master Plan	200	0	0	200									
	TOTAL PROJECT COSTS			597	532	490	540	540	540	540	540	540	540	540
	TOTAL EXPENDITURES			597	532	490	540	540	540	540	540	540	540	540
	REVENUES:													
	Interest			3	4	6	5	3	2	2	1	1	2	3
	Reauthorized Measure B			411	425	440	456	472	488	505	523	541	560	580
	County Reimbursement (Laurel Ave. Sidewalk Project)				200									
	REVENUE SUBTOTAL:			414	629	446	461	475	490	507	524	542	562	583
	TRANSFERS IN FROM:													
	TRANSFERS SUBTOTAL:			0	0	0	0	0	0	0	0	0	0	0
	REVENUE TOTALS:			414	629	446	461	475	490	507	524	542	562	583
	BEGINNING FUND BALANCE:			415	232	329	286	206	141	91	58	42	44	67
	ENDING FUND BALANCE:			232	329	286	206	141	91	58	42	44	67	109

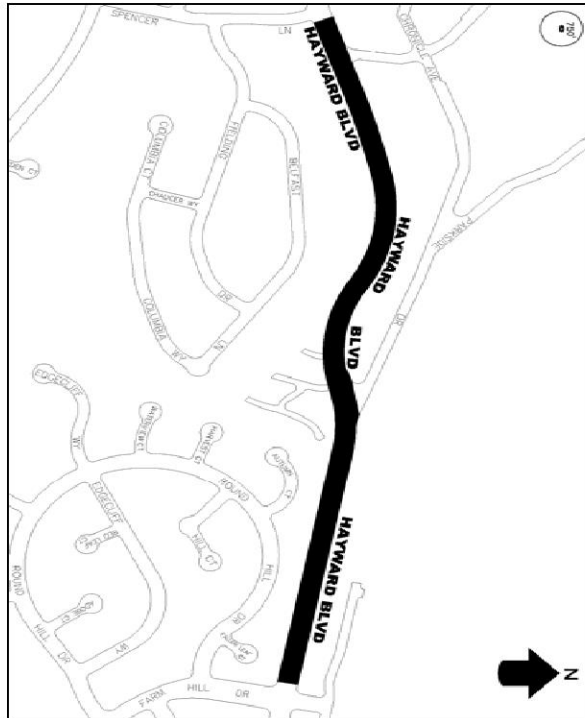
CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Livable Neighborhoods Project Title: New Sidewalks FY16: Hayward Boulevard
 Project No.: 05268
 Fund 216 Measure B Fund (Pedestrian and Bicycle)

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	0	8	42	400									450
Reimbursements													
Net Cost to Fund	0	8	42										450



DESCRIPTION:

Continuation of program to construct new sidewalks on critical pedestrian pathways, specifically those associated with schools and other heavy pedestrian use areas. This project constructs new curb, gutter, and sidewalk along portions of Hayward Boulevard.

JUSTIFICATION:

There is a need for new sidewalk construction on critical pedestrian pathways. This project is made possible by a continued allocation of Measure B funds.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Livable Neighborhoods Project Title: Pedestrian Traffic Signal Improvements
 Project No.: 05175
 Fund 216 Measure B Fund (Pedestrian and Bicycle)

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	188	15	20	20	20	20	20	20	20	20	20	20	403
Reimbursements													
Net Cost to Fund	N/A	15	20	20	20	20	20	20	20	20	20	20	403

DESCRIPTION:

Project continues program to provide countdown pedestrian signals, audible traffic signals, and improved pedestrian push buttons at all City traffic signals.

JUSTIFICATION:

These pedestrian signal improvements are part of a program to improve pedestrian safety throughout the City.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Added funding of \$20,000 each in FY23 & FY24 to permit the project to continue.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Livable Neighborhoods

Project Title: Project Predesign

Project No.: 05260

Fund 216 Measure B Fund (Pedestrian and Bicycle)

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	N/A	10	20	20	20	20	20	20	20	20	20	20	210
Reimbursements													
Net Cost to Fund	N/A	10	20	20	20	20	20	20	20	20	20	20	210

DESCRIPTION:

City engineering costs associated with predesign of road and street projects, including preliminary survey, design and cost estimates.

Also includes engineering costs associated with overall administration of all capital projects.

JUSTIFICATION:

Predesign projects fund work by Engineering and Transportation Division staff involving preliminary design and general administrative work performed on the Capital Improvement Program by the Engineering and Transportation administration staff.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Added funding of \$20,000 each in FY23 & FY24 to permit the project to continue.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Livable Neighborhoods Project Title: New Sidewalks FY17 - FY24
 Project No.: To Be Determined
 Fund 216 Measure B Fund (Pedestrian and Bicycle)

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	0	0	0	50	500	500	500	500	500	500	500	500	4,050
Reimbursements													
Net Cost to Fund	0	0	0	50	500	500	500	500	500	500	500	500	4,050

DESCRIPTION:

Project to improve pedestrian and bicycle facilities throughout the City. Improvements will include such items as lighted crosswalks, new or upgraded bike paths, and construction of sidewalks on critical pedestrian routes.

Each year, as funds are appropriated, the current portion of the program is segregated to more easily track costs.

JUSTIFICATION:

Project will provide increased pedestrian and bicycle safety and greater accommodation for non-vehicular modes of travel. Project is a part of a Citywide effort to preserve and create livable neighborhoods.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Added \$500,000 each in FY23 & FY24 to permit continuation of this project.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



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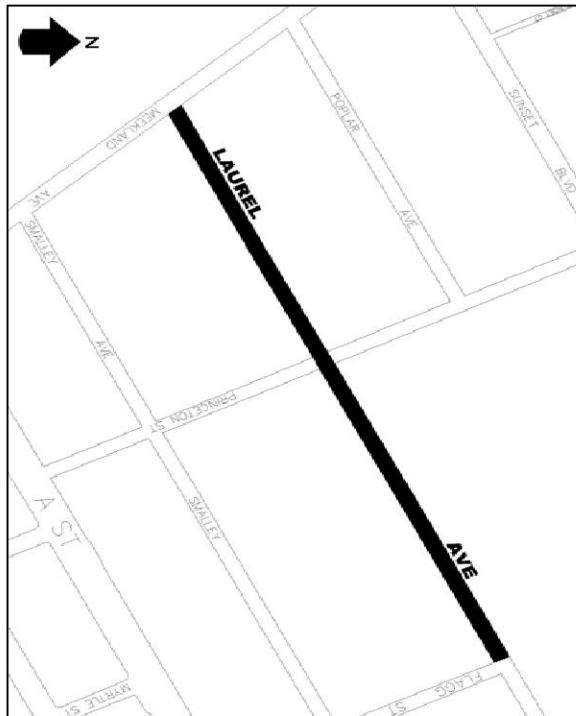
CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Livable Neighborhoods Project Title: New Sidewalks FY15: Laurel Avenue
 Project No.: New
 Fund 216 Measure B Fund (Pedestrian and Bicycle)

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	0	50	250										300
Reimbursements			(200)										(200)
Net Cost to Fund	0	50	50										100



DESCRIPTION:

Continuation of program to construct new sidewalks on critical pedestrian pathways, specifically those associated with schools and other heavy pedestrian use areas. This project constructs new curb, gutter, and sidewalk along portions of Hayward Boulevard.

JUSTIFICATION:

There is a need for new sidewalk construction on critical pedestrian pathways. This project is made possible by a continued allocation of Measure B funds.

REIMBURSEMENTS:

Alameda County

200

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Livable Neighborhoods Project Title: Pedestrian Master Plan/Update Bicycle Master Plan

Project No.: New

Fund 216 Measure B Fund (Pedestrian and Bicycle)

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	0	0	200										200
Reimbursements													
Net Cost to Fund	0	0	200										200

DESCRIPTION:

This project will allow for the development of a Pedestrian Master Plan and an update to the existing Bicycle Master Plan.

JUSTIFICATION:

In order to continue receiving Measure B and VRF funds, the City must adopt the above plans by the end of 2015.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



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VEHICLE REGISTRATION FEE - FUND 218 (FUND 217)

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PROJ. NO.	PROJECT DESCRIPTION	PROJ. TOTAL	PRIOR YEARS	EST FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24
05196	Pavement Rehab VRF FY14 - Districts 6, 10, 15, 19 & 20	800	664	136										
05261	Pavement Reconstruction VRF FY15 - Ocie, Ida, Quincy, Dunn, and Jerilynn	900	0	100	800									
TBD	Pavement Rehabilitation - VRF FY16 - FY24	6,800	0	0	50	750	750	750	750	750	750	750	750	750
NEW	Whipple Road Pavement Repair - Amaral to Ithaca (City share for Union City project)	120	0	0	120									
	TOTAL PROJECT COSTS			236	970	750	750	750	750	750	750	750	750	750
	TOTAL EXPENDITURES			236	970	750	750	750	750	750	750	750	750	750
	REVENUES:													
	Interest			4	5	2	2	1	1	1	1	1	1	2
	VRF - Local Streets and Roads		1,485	700	707	714	721	728	736	743	750	758	766	773
	REVENUE SUBTOTAL:			704	712	716	723	729	737	744	751	759	767	775
	TRANSFERS IN FROM:													
	TRANSFERS SUBTOTAL:			0	0	0	0	0	0	0	0	0	0	0
	REVENUE TOTALS:			704	712	716	723	729	737	744	751	759	767	775
	BEGINNING FUND BALANCE:			(86)	382	124	90	63	43	29	23	25	34	51
	ENDING FUND BALANCE:			382	124	90	63	43	29	23	25	34	51	76

CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Road and Street

Project Title: Pavement Reconstruction VRF - FY15 - Ocie, Ida, Quincy, Dunn, and Jerilynn

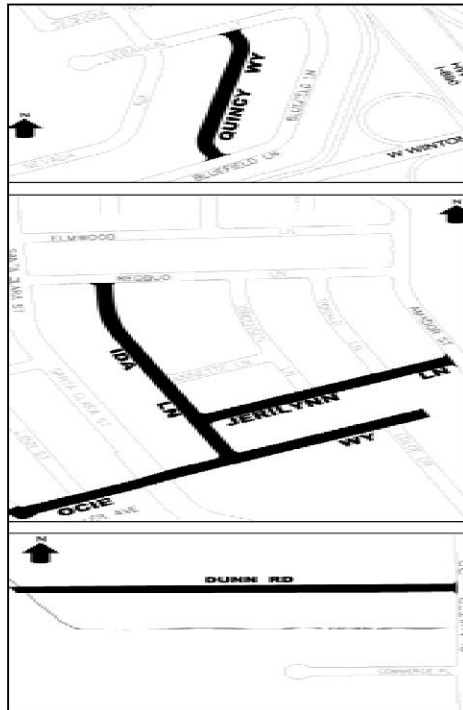
Project No.: 05261

Fund 218 Vehicle Registration Fee Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	0	100	800										900
Reimbursements													
Net Cost to Fund	0	100	800										900



DESCRIPTION:

Annual street maintenance program involving reconstruction or major repair of severely deteriorated streets that will bring them up to acceptable pavement standards. Each year, as funds are appropriated, the current portion of the program is segregated to more closely track costs. The streets that are included in this project are Ocie, Ida, Quincy, Dunn, and Jerilynn.

JUSTIFICATION:

The selection of streets for reconstruction is based on staff's analysis of the pavement condition indices identified through the City's computerized Pavement Management Program.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Added \$100,000 to project due to more current cost estimates.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Road and Street

Project Title: Pavement Rehab VRF - FY16-FY24

Project No.: To Be Determined

Fund 218 Vehicle Registration Fee Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	0	0	50	750	750	750	750	750	750	750	750	750	6,800
Reimbursements													
Net Cost to Fund	0	0	50	750	750	750	750	750	750	750	750	750	6,800

DESCRIPTION:

This is an annual street maintenance project to dig out failed pavement areas, replace with full depth asphalt concrete, and place slurry seal over the entire asphalt pavement.

JUSTIFICATION:

As part of regular preventative maintenance program, portions of various streets throughout the City are scheduled for slurry seal or overlay each year.

MAP NOT APPLICABLE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Added \$750,000 each in FY23 and FY24 to continue project.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



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CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Road and Street

Project Title: Whipple Road Pavement Repair - Amaral to Ithaca (City Share for Union City Project)

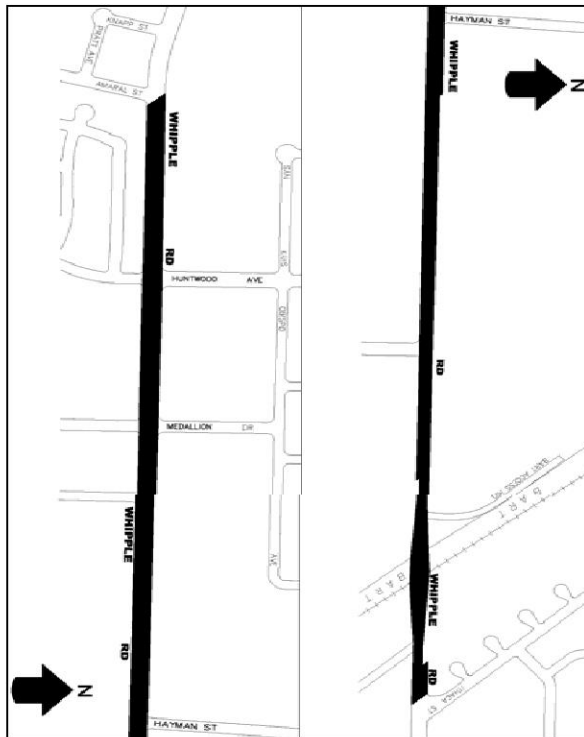
Project No.: New

Fund 218 Vehicle Registration Fee Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	0	0	120										120
Reimbursements													
Net Cost to Fund	0	0	120										120



DESCRIPTION:

This project, which is a cooperative effort between the City and Union City, represents the City's share of the cost to repair portions of Whipple Road within City limits.

JUSTIFICATION:

Local streets with a pavement condition index below 30 have generally not been repaired, because of insufficient funding. This program will begin to address these streets.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL PROJECTS (GOVERNMENTAL) - FUND 405 (FUNDS 410, 415, 416, 417, AND 418)

Page 1

PROJ. NO.	PROJECT DESCRIPTION	PROJ. TOTAL	PRIOR YEARS	EST FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24
	CAPITAL PROJECTS - GENERAL													
06902	City Hall Rotunda Sound System	25	0	25										
06903	Improvements to City Council Chambers	25	0	25										
06904	Community Satisfaction Survey	40	32	8										
06908	Comprehensive General Plan Update	2,203	865	1,338										
06909	Downtown Parking Study	20	0	20										
06910	Interior Painting of City Facilities	30	0	30										
06978	Foothill Gateway Landscape Plan	50	0	50										
	<i>County Reimbursement</i>	25		25										
	<i>RDA</i>	25	25											
06901	City Facilities Needs Assessment Study	430	0	250	180									
	<i>Calpine (for 21st Century Library & Community Learning Center)</i>	180			180									
06977	UST Remediation Study - Fire Station 2	320	200	95	25									
06906	Mural Art Program	350	72	53	75	75	75							
05102	Landscape Material/Street Tree Replacements	609	N/A	59	55	55	55	55	55	55	55	55	55	55
05160	Surplus Property Maintenance	165	N/A	15	15	15	15	15	15	15	15	15	15	15
06121	Property Taxes on Excess Right-of-Way	55	N/A	5	5	5	5	5	5	5	5	5	5	5
06907	Project Predesign Services	385	N/A	35	35	35	35	35	35	35	35	35	35	35
06938	Annual Median Tree & Shrub Replacement	560	N/A	60	50	50	50	50	50	50	50	50	50	50
06950	Neighborhood Partnership Program Project	845	295	50	50	50	50	50	50	50	50	50	50	50
	<i>Caltrans</i>	61	61											
06905	Disaster Preparedness Exercise	50	0	0	50									
06968	Sealing Centennial Hall Parking Deck	262	232	0	0	0	0	0	0	0	30			
	CAPITAL PROJECTS - POLICE													
07402	Supporting Services Equipment	570	19	25	34	25	165	82	52	27	54	25	32	30
07405	SWAT Team Equipment	533	79	53	56	44	17	18	30	16	17	47	84	72
07409	Police Officer Equipment	1,707	59	101	151	72	66	240	175	321	66	60	240	156
07411	Field Operations Equipment	247	2	32	32	27	2	2	25	22	27	32	19	25
07412	Criminal Investigations Equipment	137	0	11	14	8	14	2	28	14	2	20	2	22
	CAPITAL PROJECTS - FIRE													
07456	Emergency Radio Equipment	667	566	101										
	<i>Assistance to Firefighter Grant</i>	418	418											
07465	Fire Station No. 7 and Firehouse Clinic - Design	500	293	207										
07468	Emergency Notification System	42	0	42										
	<i>UASI</i>	40		40										
07472	Fire Station No. 7 & Firehouse Clinic - Construction	11,700	0	11,700										
	<i>Financing</i>	10,500		10,500										
	<i>County Health Services Department</i>	1,200		1,200										
07466	Self-Contained Breathing Apparatus	1,200	1	759	440									
	<i>Grant</i>	1,200			1,200									

CAPITAL PROJECTS (GOVERNMENTAL) - FUND 405 (FUNDS 410, 415, 416, 417, AND 418)

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PROJ. NO.	PROJECT DESCRIPTION	PROJ. TOTAL	PRIOR YEARS	EST FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24
07469	Fire Operations Equipment	360	0	230	130									
07452	Fire Special Operations	1,412	215	163	82	82	200	157	82	103	82	82	82	82
07451	Defibrillators	490	202	48	0	0	0	240						
	CAPITAL PROJECTS - MAINTENANCE SERVICES													
07475	Replacement Equipment for Maintenance Services	280	39	41	50	25	25	25	25	10	10	10	10	10
	CAPITAL PROJECTS - LIBRARY/COMMUNITY SERVICES													
06989	New 21st Century Library & Community Learning Center - Design <i>Calpine</i>	3,200 3,200	0	3,200 3,200										
06992	New 21st Century Library & Community Learning Center - Predesign <i>Developer Contribution</i>	1,000 1,127	371 1,127	629										
07490	Automated Materials Handling System - Main Library <i>Calpine</i>	700 700	0	700 700										
	Transfer to Fund 736 (for Fire Vehicle)			70										

CAPITAL PROJECTS (GOVERNMENTAL) - FUND 405 (FUNDS 410, 415, 416, 417, AND 418)

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PROJ. NO.	PROJECT DESCRIPTION	PROJ. TOTAL	PRIOR YEARS	EST FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24
	TOTAL PROJECT COSTS			20,230	1,529	568	774	976	627	723	498	486	679	607
	TOTAL EXPENDITURES			20,230	1,529	568	774	976	627	723	498	486	679	607
	REVENUES:													
	Interest			15	16	20	18	13	9	15	18	25	29	32
	Construction Tax			150	200	250	250	250	250	250	250	250	250	250
	County Reimbursement (Project 6978)			25										
	Surplus Land Sale - Traynor			446										
	Calpine Contribution			3,900	180									
	Mutual Aid Overhead Reimbursement			50	50	50	50	50	50	50	51	52	52	52
	UASI			40										
	Financing (for Project 07472)			10,500										
	County Health Services Dept (for Project 07472)			1,200										
	Grant (for Project 07466)				1,200									
	REVENUE SUBTOTAL:			16,326	1,646	320	318	313	309	315	319	327	331	334
	TRANSFERS IN FROM:													
	General Fund	6,624	2,123	1,794	320	243	279	289	368	399	403	406	406	406
	Fee Charges (for Project 06908)		110											
	TRANSFERS SUBTOTAL:			1,794	320	243	279	289	368	399	403	406	406	406
	REVENUE TOTALS:			18,120	1,966	563	597	602	677	714	722	733	737	740
	BEGINNING FUND BALANCE:			2,678	568	1,005	1,000	823	449	499	490	714	961	1,019
	ENDING FUND BALANCE:			568	1,005	1,000	823	449	499	490	714	961	1,019	1,152

CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Building/Miscellaneous Project Title: City Facilities Needs Assessment Study
 Project No.: 06901
 Fund 405 Capital Projects (Governmental) Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	0	250	180										430
Reimbursements			(180)										(180)
Net Cost to Fund	0	250	0										250

DESCRIPTION:

Project to plan for and develop bond-related programs for infrastructure improvements of various City facilities.

JUSTIFICATION:

Infrastructure improvements are a high priority at many City-owned facilities. The exploration of bond-related opportunities will greatly assist the City in its efforts to address such needs.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

Calpine

180

PROJECT MODIFICATIONS:

Increased funding by \$180,000 due to additional work needed for study.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



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CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Building/Miscellaneous Project Title: UST Remediation Study - Fire Station 2
 Project No.: 06977
 Fund 405 Capital Projects (Governmental) Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	200	95	25										320
Reimbursements													
Net Cost to Fund	N/A	95	25										320

DESCRIPTION:

This study was conducted for the investigation of six open site contamination cases in the City. For each case, the underground storage tanks (UST) were removed and certain levels of contamination were identified from soil and groundwater sampling at the time of UST removal. With further testing, it was anticipated that most of the sites can be closed. However, Fire Station No. 2 did not meet the closure requirements and will need further remediation.

JUSTIFICATION:

Additional work is needed in order to meet closure requirements at Fire Station No. 2.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Livable Neighborhoods

Project Title: Mural Art Program

Project No.: 06906

Fund 405 Capital Projects (Governmental) Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	72	53	75	75	75								350
Reimbursements													0
Net Cost to Fund	72	53											350

DESCRIPTION:

This project will allow for the painting of murals in selected locations throughout the City.

JUSTIFICATION:

The mural art program addresses code corrections, acts as a graffiti deterrent City-wide, and supports Council priorities.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Added funding of \$75,000 each in FY15-FY17 in order to continue program.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



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CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Livable Neighborhoods Project Title: Landscape Material/Street Tree Replacements
 Project No.: 05102
 Fund 405 Capital Projects (Governmental) Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	N/A	55	55	55	55	55	55	55	55	55	55	55	605
Reimbursements													
Net Cost to Fund	N/A	55	55	55	55	55	55	55	55	55	55	55	605

DESCRIPTION:

Continuing program to replace and plant trees in neighborhoods and along major thoroughfares where desirable and economically feasible.

JUSTIFICATION:

This project is part of an ongoing effort of Citywide landscape beautification.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Added funding of \$55,000 each in FY23 & FY24 in order to continue program.

OPERATING BUDGET IMPACTS:

Minor increase in tree maintenance costs associated with expanding the City's Urban Forest.

CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Building/Miscellaneous Project Title: Surplus Property Maintenance
 Project No.: 05160
 Fund 405 Capital Projects (Governmental) Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	N/A	15	15	15	15	15	15	15	15	15	15	15	165
Reimbursements													
Net Cost to Fund	N/A	15	15	15	15	15	15	15	15	15	15	15	165

DESCRIPTION:

Annual costs associated with administration of surplus property sales program including fencing and weed abatement on surplus properties.

JUSTIFICATION:

Properties that were purchased in conjunction with obtaining right-of-way may eventually become surplus and may be sold by the City. Funding is needed to cover cost of maintenance and annual weed abatement costs.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Added funding of \$15,000 each in FY23 & FY24 in order to continue program.

OPERATING BUDGET IMPACTS:

Insures administrative costs of surplus property program are in the same fund where revenues are deposited.

CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Building/Miscellaneous Project Title: Property Taxes on Excess Right-of-Way
 Project No.: 06121
 Fund 405 Capital Projects (Governmental) Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	N/A	5	5	5	5	5	5	5	5	5	5	5	55
Reimbursements													
Net Cost to Fund	N/A	5	5	5	5	5	5	5	5	5	5	5	55

DESCRIPTION:

Cost of annual property taxes paid on excess right-of-way located outside of the City limits.

JUSTIFICATION:

This project is necessary to pay property taxes.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Added \$5,000 each in FY23 & FY24 to continue the program.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Building/Miscellaneous Project Title: Project Predesign Services
 Project No.: 06907
 Fund 405 Capital Projects (Governmental) Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	N/A	35	35	35	35	35	35	35	35	35	35	35	385
Reimbursements													
Net Cost to Fund	N/A	35	35	35	35	35	35	35	35	35	35	35	385

DESCRIPTION:

City engineering costs associated with predesign of building, landscape, and other miscellaneous projects, including preliminary survey, design, and cost estimates.

JUSTIFICATION:

Predesign projects fund work by Engineering and Transportation Division staff involving preliminary design and general administrative work performed on the Capital Improvement Program.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Funding of \$35,000 added each in FY23 & FY24 to continue this project.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



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CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Livable Neighborhoods Project Title: Annual Median Tree & Shrub Replacement
 Project No.: 06938
 Fund 405 Capital Projects (Governmental) Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	N/A	50	50	50	50	50	50	50	50	50	50	50	550
Reimbursements													
Net Cost to Fund	N/A	50	50	50	50	50	50	50	50	50	50	50	550

DESCRIPTION:

Annual project to replace missing trees and shrubs and replace decorative bark mulch in the medians of arterials throughout the City.

JUSTIFICATION:

Replacement of plant material and mulch will improve the visual appearance of the medians and improve moisture retention and weed control.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Added funding of \$50,000 each in FY23 & FY24 to continue ongoing effort to maintain and improve the City's urban forest.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



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CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Livable Neighborhoods Project Title: Neighborhood Partnership Program Project
 Project No.: 06950
 Fund 405 Capital Projects (Governmental) Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	295	50	50	50	50	50	50	50	50	50	50	50	845
Reimbursements													
Net Cost to Fund	295	50	50	50	50	50	50	50	50	50	50	50	845

DESCRIPTION:

Annual project to improve various neighborhoods throughout the City and determine what improvements are needed and wanted by the neighborhood. Items to be considered include, but are not limited to, traffic calming devices and improved lighting.

JUSTIFICATION:

This project is part of an effort to improve the overall attractiveness and safety of neighborhoods throughout the City.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Added funding of \$50,000 each in FY23 & FY24 to continue project.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Building/Miscellaneous Project Title: Disaster Preparedness Exercise
 Project No.: 06905
 Fund 405 Capital Projects (Governmental) Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	0	0	50										50
Reimbursements													
Net Cost to Fund	0	0	50										50

DESCRIPTION:

A disaster preparedness exercise for City staff is expected to occur during FY15.

JUSTIFICATION:

This exercise will allow City staff members to practice and enhance their abilities to quickly and efficiently provide critical services to the public in the event of a major crisis.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CITY OF
HAYWARD
 HEART OF THE BAY

CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Building/Miscellaneous Project Title: Sealing Centennial Hall Parking Deck
 Project No.: 06968
 Fund 405 Capital Projects (Governmental) Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	232	0	0	0	0	0	0	0	30				262
Reimbursements													
Net Cost to Fund	232	0	0	0	0	0	0	0	30				262

DESCRIPTION:

This project will re-surface the parking deck membrane at Centennial Hall. The parking deck serves as the roof of the Safeway store.

JUSTIFICATION:

Periodic re-surfacing is necessary in order to maintain the integrity of the roof's water proofing.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Equipment

Project Title: Dispatch Equipment

Project No.: 07402

Fund 405 Capital Projects (Governmental) Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	19	25	34	25	165	82	52	27	54	25	32	30	570
Reimbursements													
Net Cost to Fund	19	25	34	25	165	82	52	27	54	25	32	30	570

DESCRIPTION:

Consolidated the following existing projects under this new project title: Animal Shelter Equipment, Communications Recording System, Dispatch Equipment, and Jail Equipment.

JUSTIFICATION:

Items associated with this project are critical to the day-to-day operations within the Police Department as many pieces of identified equipment are nearing the end of their useful life.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

These are identified General Fund capital requirements.

CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Equipment

Project Title: SWAT Team Equipment

Project No.: 07405

Fund 405 Capital Projects (Governmental) Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	79	53	56	44	17	18	30	16	17	47	84	72	533
Reimbursements													
Net Cost to Fund	79	53	56	44	17	18	30	16	17	47	84	72	533

DESCRIPTION:

The Police Department maintains an array of equipment for ballistic protection, various weapons systems, telescopic sights, night vision devices, tear gas launchers and camera equipment.

JUSTIFICATION:

Portions of these items, which are critical to the duties of the SWAT team, will be replaced on a rotational basis as their respective lifespans near the end.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Increased total project costs by \$198,000 by adding full equipment replacement in FY23 & FY24.

OPERATING BUDGET IMPACTS:

These are identified General Fund capital requirements.



CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Equipment

Project Title: Police Officer Equipment

Project No.: 07409

Fund 405 Capital Projects (Governmental) Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	59	101	151	72	66	240	175	321	66	60	240	156	1,707
Reimbursements													
Net Cost to Fund	59	101	151	72	66	240	175	321	66	60	240	156	1,707

DESCRIPTION:

Consolidated the following existing projects under this new project title: Body Armor, Digital Audio Recorders, Hand Guns (Duty), ID Card Printer, Meals Ready to Eat, Patrol Rifles and Shotguns, and Tasers.

JUSTIFICATION:

Items associated with this project are critical to the day-to-day operations within the Police Department as many pieces of identified equipment are nearing the end of their useful life.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

These are identified General Fund capital requirements.



CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Equipment

Project Title: Field Operations Equipment

Project No.: 07411

Fund 405 Capital Projects (Governmental) Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	2	32	32	27	2	2	25	22	27	32	19	25	247
Reimbursements													
Net Cost to Fund	2	32	32	27	2	2	25	22	27	32	19	25	247

DESCRIPTION:

Consolidated the following existing projects under this new project title: Field Operations Equipment, K9 Handler Setup, K9 Units, and Traffic Enforcement Equipment.

JUSTIFICATION:

Items associated with this project are critical to the day-to-day operations within the Police Department as many pieces of identified equipment are nearing the end of their useful life.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

These are identified General Fund capital requirements.

CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Equipment

Project Title: Criminal Investigations Equipment

Project No.: 07412

Fund 405 Capital Projects (Governmental) Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	0	11	14	8	14	2	28	14	2	20	2	22	137
Reimbursements													
Net Cost to Fund	0	11	14	8	14	2	28	14	2	20	2	22	137

DESCRIPTION:

Consolidated the following existing projects under this project title: Criminal Investigations Equipment and Special Operations Equipment.

JUSTIFICATION:

Items associated with this project are critical to the day-to-day operations within the Police Department as many pieces of identified equipment are nearing the end of their useful life.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

These are identified General Fund capital requirements.



CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Equipment

Project Title: Self-Contained Breathing Apparatus

Project No.: 07466

Fund 405 Capital Projects (Governmental) Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	1	759	440										1,200
Reimbursements													
Net Cost to Fund	1	759	440										1,200

DESCRIPTION:

The self-contained breathing apparatus (SCBA) consists of a harness, air cylinder, mask, regulators and alarm components. This equipment is a fundamental and necessary tool that allows the Fire Department to perform many of its functions. This request is for 95 SCBA units, 125 air bottles, masks, and associated maintenance equipment.

JUSTIFICATION:

The existing SCBA equipment is 2 generations old and must all be replaced at the same time for consistent training and use.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Increased total project costs by \$440,000.

OPERATING BUDGET IMPACTS:

These are identified General Fund capital requirements.



CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Equipment

Project Title: Fire Operations Equipment

Project No.: 07469

Fund 405 Capital Projects (Governmental) Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	0	230	130										360
Reimbursements													
Net Cost to Fund	0	230	130										360

DESCRIPTION:

Consolidated the following existing projects under this new project title: Emergency Equipment Cargo Trailer(s), Shallow Water Rescue Boat, and Station-Based Air Compressor for SCBA Bottles.

JUSTIFICATION:

Items associated with this project are critical to the day-to-day operations within the Fire Department as many pieces of identified equipment are either nearing the end of their useful life or are needed to aid emergency response efforts.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

These are identified General Fund capital requirements.



CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Equipment

Project Title: Fire Special Operations

Project No.: 07452

Fund 405 Capital Projects (Governmental) Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	215	163	82	82	200	157	82	103	82	82	82	82	1,412
Reimbursements													
Net Cost to Fund	215	163	82	82	200	157	82	103	82	82	82	82	1,412

DESCRIPTION:

Consolidated the following existing projects under this new project title: PODS, Apparatus Appliances, Hose, Furnishings, Nozzles, Physical Fitness Equipment, Hydraulic Rescue Tool, Rotary Rescue Saws, Float-O-Pumps, Positive Pressure Blowers, Portable Generators, Lucas Chest Compression System, and Emergency Air Bag System.

JUSTIFICATION:

Items associated with this project are critical to the day-to-day operations within the Fire Department as many pieces of identified equipment are either nearing the end of their useful life or are needed to aid emergency response efforts.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

These are identified General Fund capital requirements.

CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Equipment

Project Title: Defibrillators

Project No.: 07451

Fund 405 Capital Projects (Governmental) Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	202	48	0	0	0	240							490
Reimbursements													
Net Cost to Fund	202	48	0	0	0	240							490

DESCRIPTION:

The new, advanced medical devices use less electricity to "jump start" the heart, which involves less damage to the cardiac muscles during resuscitation, monitors the oxygen saturation and provides a more comprehensive picture of the heart.

JUSTIFICATION:

The current monitor/defibrillator in use by the Fire Department is 2 generations old and does not possess the features of these more advanced monitors, thereby making it difficult to meet State and County requirements in patient care.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

These are identified General Fund capital requirements.



CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Equipment

Project Title: Replacement Equipment for Maintenance Services

Project No.: 07475

Fund 405 Capital Projects (Governmental) Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	39	41	50	25	25	25	25	10	10	10	10	10	280
Reimbursements													
Net Cost to Fund	39	41	50	25	25	25	25	10	10	10	10	10	280

DESCRIPTION:

This project will allow for the purchase of maintenance-related items such as saws, trimmers, augers, grinders, and a generator.

JUSTIFICATION:

The existing cache of equipment wears out quickly due to heavy use and must be replaced on a regular, annual basis.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Increased total project costs by \$100,000.

OPERATING BUDGET IMPACTS:

These are identified General Fund capital requirements.



ROUTE 238 CORRIDOR IMPROVEMENT - FUND 410 (FUND 430)

Page 1

PROJ. NO.	PROJECT DESCRIPTION	PROJ. TOTAL	PRIOR YEARS	EST FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24
05117	Route 238 Corridor Improvement Project:													
	A - Preliminary Engineering, EIR, and Administration	1,500	1,500											
	B - Design, Right-of-Way Engineering and Acquisition	31,300	30,850	450										
	<i>Alameda CTC</i>	<i>30,850</i>	<i>30,850</i>											
	C - Construction & Construction Administration	67,700	61,254	6,446										
	<i>Alameda CTC</i>	<i>47,650</i>	<i>45,603</i>	<i>2,047</i>										
	<i>LATIP</i>	<i>8,100</i>	<i>8,100</i>											
	<i>Lease Payments (T-Mobile and Euromotors)</i>	<i>138</i>	<i>104</i>	<i>17</i>	<i>17</i>									
	<i>La Vista</i>	<i>682</i>			<i>682</i>									
	<i>PG&E Rule 20A</i>	<i>6,980</i>	<i>6,507</i>	<i>473</i>										
	<i>Surplus Land Sales</i>	<i>2,400</i>		<i>2,400</i>										
	<i>South Hayward BART</i>	<i>228</i>			<i>228</i>									
	<i>JEM</i>	<i>65</i>			<i>65</i>									
	<i>Grand Mosque</i>	<i>5</i>	<i>5</i>											
05162	Foothill/Mission Corridor Signal/Streetlight Maintenance	156	58	98										
05194	Preliminary Design and Environmental Study for the Route 238 Corridor Improvement Project - Phases 2 & 3	2,000	0	200	1,800									
	<i>LATIP</i>	<i>2,000</i>		<i>200</i>	<i>1,800</i>									
05114	Administration and Predesign	924	264	60	60	60	60	60	60	60	60	60	60	60
05270	Route 238 Corridor Improvement Project - Phase 2 (Mission from Industrial to South City Limit)	19,900	0	0	4,000	15,900								
		<i>19,900</i>			<i>4,000</i>	<i>15,900</i>								

ROUTE 238 CORRIDOR IMPROVEMENT - FUND 410 (FUND 430)

Page 2

PROJ. NO.	PROJECT DESCRIPTION	PROJ. TOTAL	PRIOR YEARS	EST FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24
	TOTAL PROJECT COSTS			7,254	5,860	15,960	60	60	60	60	60	60	60	60
	Transfer to Street System Improvements Fund (Fund 450)	4,471	3,420	250	250	151	100	100	100	100	100	100	100	244
	Transfer to Gas Tax Fund (Fund 210)	600	400	100	100									
	TOTAL EXPENDITURES			7,604	6,210	16,111	160	160	160	160	160	160	160	304
	REVENUES:													
	Interest			15	17	24	22	21	19	24	20	15	11	4
	Lease Payments from Acquired Properties		104	17	17									
	Alameda CTC	78,500	76,453	2,047										
	State Right of Way Rental			167	137	107	77	47						
	Real Estate Transactions (Surplus Land Sales)			2,400	0									
	PG&E Rule 20A	6,980	6,507	473										
	LATIP	30,000	8,100	200	5,800	15,900								
	La Vista				682									
	S. Hayward BART (Developer Reimb Agreement)				228									
	JEM (Developer Reimbursement Agreement)				65									
	REVENUE SUBTOTAL:		91,164	5,319	6,946	16,031	99	68	19	24	20	15	11	4
	TRANSFERS IN FROM:													
	TRANSFERS SUBTOTAL:			0	0	0	0	0	0	0	0	0	0	0
	REVENUE TOTALS:			5,319	6,946	16,031	99	68	19	24	20	15	11	4
	BEGINNING FUND BALANCE:			2,793	508	1,244	1,164	1,103	1,011	870	734	594	449	300
	ENDING FUND BALANCE:			508	1,244	1,164	1,103	1,011	870	734	594	449	300	0

CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Road and Street

Project Title: Preliminary Design and Environmental Study for the Route 238 Corridor Improvement Project - Phase 2

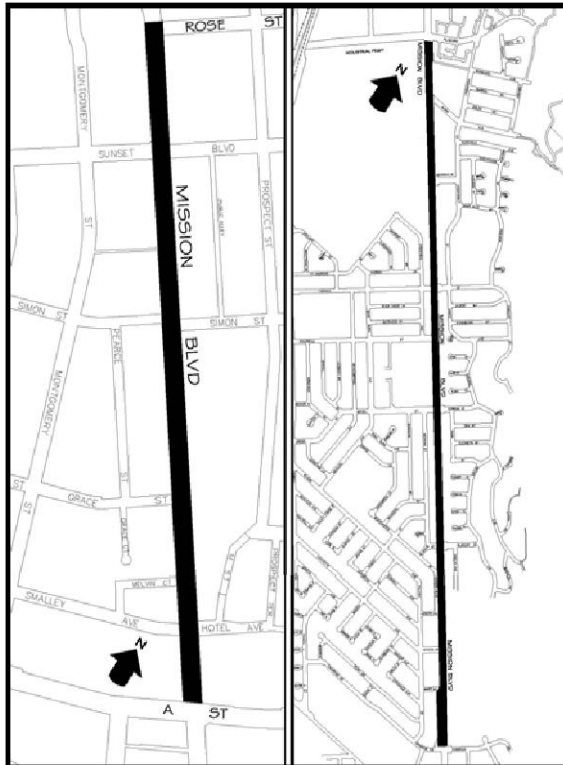
Project No.: 05194

Fund 410 - Route 238 Corridor Improvement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	0	200	1,800										2,000
Reimbursements		(200)	(1,800)										(2,000)
Net Cost to Fund	0	0	0										0



DESCRIPTION:

This project will allow for the preparation of both the preliminary design and the environmental study for Phase II of the Route 238 Corridor Improvement Project. Among the myriad items included with this work are the installation of landscaping in existing medians, installation of sidewalk, extension of greenways, and the installation of foot-path lighting and bike paths along Mission from A Street to the north City limit and Industrial to the south City limit.

JUSTIFICATION:

Replacement of plant material will improve the visual appearance of the medians and improve moisture retention and weed control. In addition, this project responds to both the City's initiative to be "clean and green". Funding for phases "A" and "B" of this project, which are expected to cost a total of approximately \$24 million, will be provided through the use of LATIP monies. In addition, portions of each corridor pertaining to this project are in need of new sidewalks and better pedestrian facilities.

REIMBURSEMENTS:

LATIP (delayed based on assumed availability)

2,000

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

Initial improvements will address deterioration that would otherwise increase maintenance costs. Maintaining improvements will require additional landscape maintenance effort.

CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Road and Street

Project Title: Administration and Predesign

Project No.: 05114

Fund 410 - Route 238 Corridor Improvement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	264	60	60	60	60	60	60	60	60	60	60	60	924
Reimbursements													
Net Cost to Fund	264	60	60	60	60	60	60	60	60	60	60	60	924

DESCRIPTION:

Staff and lobbyist costs associated with the 238 Corridor Improvements and other transportation-related issues.

JUSTIFICATION:

Lobbyist services are occasionally needed in order to be made aware of legislative changes that may affect the City's ability to obtain funding for future transportation projects.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Funding of \$60,000 was added each in FY23 & FY24 to permit continuation of the project.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CITY OF
HAYWARD
HEART OF THE BAY

CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Road and Street

Project Title: Route 238 Corridor Improvement Project - Phase 2 (Mission from Industrial to South City Limit)

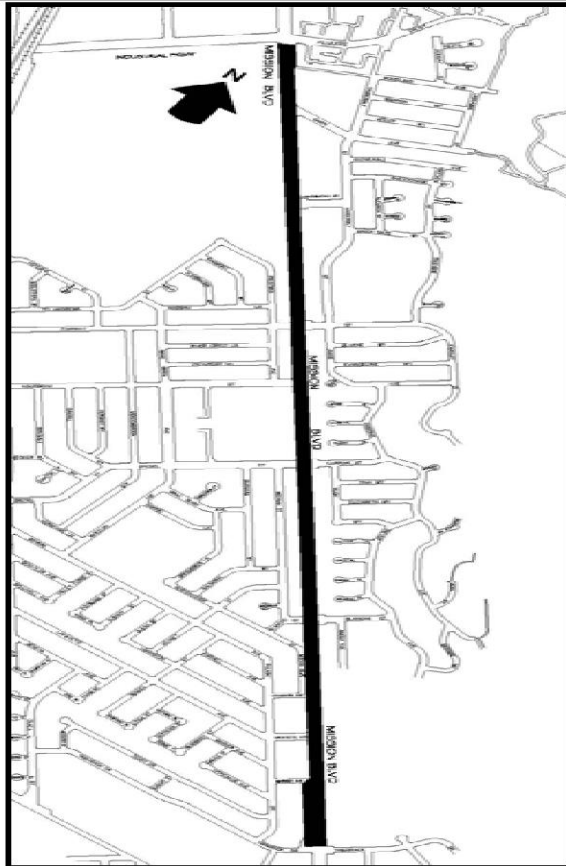
Project No.: 05270

Fund 410 - Route 238 Corridor Improvement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	0	0	4,000	15,900									19,900
Reimbursements			(4,000)	(15,900)									(19,900)
Net Cost to Fund	0	0	0	0									0



DESCRIPTION:

Among the myriad items included with this work are the installation of landscaping in existing medians, installation of sidewalk, extension of greenways, and the installation of foot-path lighting and bike paths along Mission from Industrial to the south City limit.

JUSTIFICATION:

Replacement of plant material will improve the visual appearance of the medians and improve moisture retention and weed control. In addition, this project responds to both the City's initiative to be "clean and green". Funding for this project, which is expected to cost approximately \$17 million, will be provided through the use of LATIP monies. In addition, portions of each corridor pertaining to this project are in need of new sidewalks and better pedestrian facilities.

REIMBURSEMENTS:

LATIP

19,900

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

Initial improvements will address deterioration that would otherwise increase maintenance costs. Maintaining improvements will require additional landscape maintenance effort.

STREET SYSTEM IMPROVEMENTS - FUND 450 (FUND 413)

Page 1

PROJ. NO.	PROJECT DESCRIPTION	PROJ. TOTAL	PRIOR YEARS	EST FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24
05107	B Street Pavement Repair (Second to Kelly)	564	36	528										
05108	Sidewalk Rehabilitation FY13 - Districts 4 & 5	850	295	555										
	<i>Resident Participation</i>	100	2	98										
05167	Dixon St. Improvements - Tennyson to Valle Vista	3,158	2,372	786										
	<i>TLC Grant</i>	1,800	1,256	544										
	<i>Developer Reimbursement</i>	320		320										
05179	Sidewalk Rehabilitation FY12 - Districts 6 & 9	831	771	60										
	<i>Resident Participation</i>	180	82	98										
05183	Pavement Reconstruction FY14 - Alberta Ct, Forselles Wy, and Stafford Avenue	412	29	383										
05184	Median Landscaping Improvement Project FY13 - Industrial Parkway - Hwy 880 to Mission Blvd	1,150	881	269										
05198	West A St. Crosswalk Improvements - South Garden, Happyland, Hathaway	254	3	251										
	<i>HSIP</i>	161		161										
05262	City Municipal Parking Lot #6	233	0	233										
05157	Median Landscaping Improvement Project FY14 - Winton: Southland Drive to Southland Place	300	0	200	100									
05264	Sidewalk Rehabilitation FY14 - Districts 7 & 10	800	0	260	540									
	<i>Resident Participation</i>	80		80										
05265	Pavement Rehabilitation - Industrial Boulevard	1,509	0	100	1,409									
	<i>OBAG</i>	1,335			1,335									
05266	Pavement Reconstruction FY15: Winton - Hesperian to Santa Clara & Industrial Parkway - Ruus to Huntwood	1,200	0	50	1,150									
	<i>Developer Contribution</i>	158		158										
05269	Transit Connector Feasibility Study	198	0	20	178									
	<i>Federal Transportation Planning Grant</i>	177			177									
05197	880/92 Reliever Route Project - Design, Right-of-Way and Construction	27,512	5,048	7,627	14,397	440								
	<i>ACTC</i>	27,037	4,661	7,564	14,377	435								
05148	Project Predesign Services	528	198	30	30	30	30	30	30	30	30	30	30	30
05153	Alameda County Aerial Photography	200	47	53	0	0	50	0	0	50				
05263	Median Landscaping Improvement Project FY15 - Industrial Parkway - Hesperian to Hwy 880	500	0	0	50	450								
05267	Sidewalk Rehabilitation FY15 - Districts 1 & 8	800	0	0	50	750								
	<i>Resident Participation</i>	80			80									
TBD	City Municipal Parking Lot #4	270	0	0	270									
TBD	Pavement Reconstruction FY16 - FY24	4,000	0	0	50	550	400	0	0	400	500	700	700	700
TBD	Median Landscaping Improvement Project FY16 - Hesperian - Winton to Chabot Ct.	500	0	0	0	50	450							
TBD	Sidewalk Rehabilitation FY16 - FY24	6,150	0	0	0	50	800	800	800	800	800	700	700	700
	<i>Resident Participation</i>	640				80	80	80	80	80	80	80	80	80

STREET SYSTEM IMPROVEMENTS - FUND 450 (FUND 413)

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PROJ. NO.	PROJECT DESCRIPTION	PROJ. TOTAL	PRIOR YEARS	EST FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24
TBD	City Municipal Parking Lot #1	322	0	0	0	0	322							
TBD	Median Landscaping Improvement Project FY17 - Hesperian - West A St. to Winton	870	0	0	0	0	100	770						
TBD	City Municipal Parking Lot #3	134	0	0	0	0	0	134						
TBD	Median Landscaping Improvement Project FY18 - Industrial Blvd. - Hwy 92 to Arf Ave.	1,170	0	0	0	0	0	100	1,070					
TBD	City Municipal Parking Lot #7	107	0	0	0	0	0	0	107					
TBD	Slurry Seal/Preventive Maintenance - FY19 - FY24	2,350	0	0	0	0	0	0	350	400	400	400	400	400
	TOTAL PROJECT COSTS			11,405	18,224	2,320	2,152	1,834	2,357	1,680	1,730	1,830	1,830	1,830
	TOTAL EXPENDITURES			11,405	18,224	2,320	2,152	1,834	2,357	1,680	1,730	1,830	1,830	1,830
	REVENUES:													
	Interest			11	12	20	16	12	6	1	2	2	2	6
	Sidewalk Rehabilitation Reimbursement			311	0	80	80	80	80	80	80	80	80	80
	Developer - Reimbursement (Project 05167)			320										
	TLC Grant (Project 05167)		260	544										
	STP (Project 05138)													
	OBAG (Project 05265)				1,335									
	HSIP (Project 05198)			161										
	ACTC (Project 05197)		22,376	7,564	14,377	435								
	County RDA Reimb. for City's Contrib. for Mt. Eden Project 05143 (repayment term - 20 years)								100	100	100	100	100	100
	Other Revenues			20										
	Property Tax Redistribution (Project 05167)			450										
	Developer Contribution - Industrial Parkway (Ruus to Huntwood) Project			158										
	Federal Transportation Planning Grant				177									
	REVENUE SUBTOTAL:			9,539	15,901	535	96	92	186	181	182	182	182	186
	TRANSFERS IN FROM:													
	Fund 430 - (Rt. 238 Trust Fund)			250	250	151	100	100	100	100	100	100	100	244
	Fund 210 (Gas Tax "Swap")			1,700	1,600	1,600	1,600	1,600	1,500	1,400	1,500	1,500	1,600	1,600
	TRANSFERS SUBTOTAL:			1,950	1,850	1,751	1,700	1,700	1,600	1,500	1,600	1,600	1,700	1,844
	REVENUE TOTALS:			11,489	17,751	2,286	1,796	1,792	1,786	1,681	1,782	1,782	1,882	2,030
	BEGINNING FUND BALANCE:			1,878	1,512	1,039	1,005	649	607	36	37	89	41	93
	ENDING FUND BALANCE:			1,512	1,039	1,005	649	607	36	37	89	41	93	293

CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Livable Neighborhoods

Project Title: Median Landscaping Improvement Project FY13 - Winton - Southland Drive to Southland Place

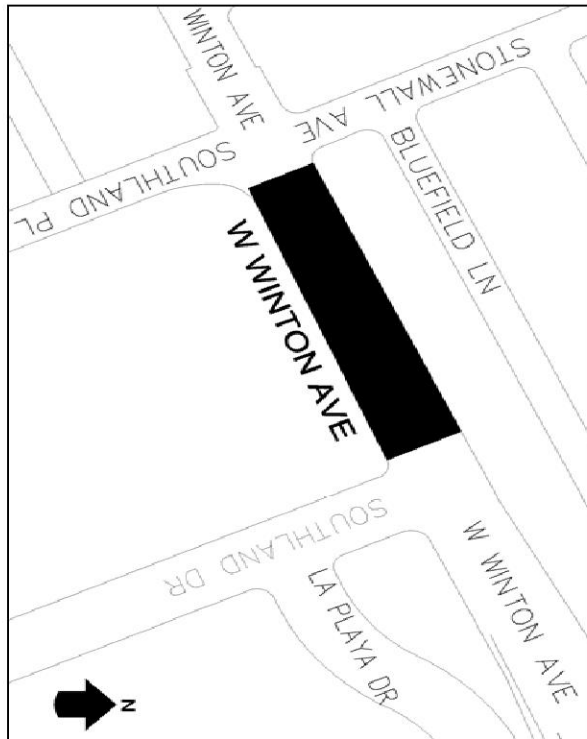
Project No.: 05157

Fund 450 - Street System Improvements

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	0	200	100										300
Reimbursements													
Net Cost to Fund	0	200	100										300



DESCRIPTION:

This project will install and/or upgrade landscaping in medians along Winton from Southland Drive to Southland Place.

JUSTIFICATION:

Replacement of plant material will improve the visual appearance of the medians and improve moisture retention and weed control. In addition, this project responds to both the City's initiative to be "clean and green" as well as recommendations from numerous neighborhood plans. Project is made possible by transfers from the Route 238 Trust Fund.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Added funding of \$100,000 in FY15 to better reflect project costs.

OPERATING BUDGET IMPACTS:

Initial improvements will address deterioration that would otherwise increase maintenance costs. Maintaining improvements will require additional landscape maintenance effort.

CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Livable Neighborhoods

Project Title: Sidewalk Rehabilitation FY14 - Districts 7 & 10

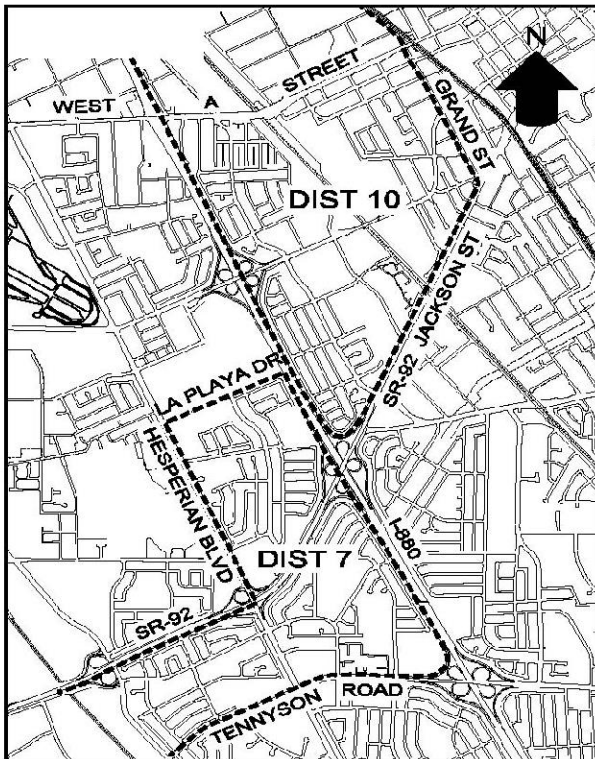
Project No.: 05264

Fund 450 - Street System Improvements

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	0	260	540										800
Reimbursements		(80)											(80)
Net Cost to Fund	0	180	540										720



DESCRIPTION:

Continuation of new program to rehabilitate sidewalks, curbs, and gutters in various sections of the City damaged by street trees. The areas of the City that are part of this project are in Districts 7 and 10.

Each year, as funds are appropriated, the current portion of the program will be segregated to more easily track costs.

JUSTIFICATION:

This project is an effort to continue addressing the Citywide damage to sidewalks, curbs, and gutters caused by street trees. This program is made possible by the allocation of Proposition 42/Gas Tax "swap" funding.

REIMBURSEMENTS:

Resident Participation

80

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Road and Street

Project Title: Pavement Rehabilitation - Industrial Boulevard

Project No.: 05265

Fund 450 - Street System Improvements

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	0	100	1,409										1,509
Reimbursements			(1,335)										
Net Cost to Fund	0	100	74										1,509



DESCRIPTION:

This project, which is funded through a OneBayArea Grant, will improve the condition of pavement along portions of Industrial Boulevard from Clawiter Road to south of Depot Road.

JUSTIFICATION:

This project will promote pedestrian and vehicular safety through this heavily and frequently traveled thoroughfare.

REIMBURSEMENTS:

OneBayArea Grant

1,335

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Road and Street

Project Title: Pavement Reconstruction FY15 - Winton - Hesperian to Clara & Industrial Parkway - Ruus to Huntwood

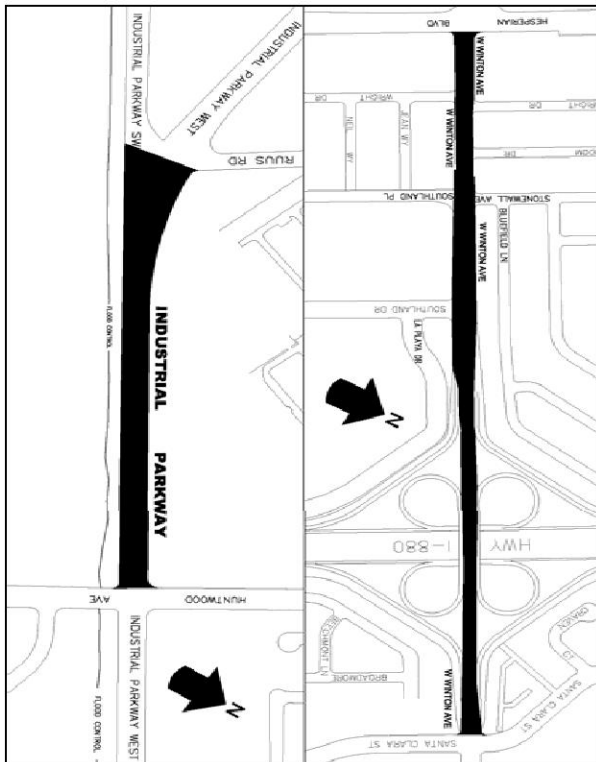
Project No.: 05266

Fund 450 - Street System Improvements

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	0	50	1,150										1,200
Reimbursements													
Net Cost to Fund	0	50	1,150										1,200



DESCRIPTION:

Street maintenance program involving reconstruction or major repair of severely deteriorated streets that will bring them up to acceptable pavement standards. The FY15 project will focus on portions of Winton and Industrial Parkway.

JUSTIFICATION:

Local streets with a pavement condition index below 30 have generally not been repaired, because of insufficient funding. This program will begin to address these streets.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Road and Street

Project Title: Transit Connector Feasibility Study

Project No.: 05269

Fund 450 - Street System Improvements

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	0	20	178										198
Reimbursements			(177)										(177)
Net Cost to Fund	0	20	1										21

DESCRIPTION:

This project will assess the feasibility of implementing a transit connector service in the City of Hayward's industrial employment areas.

JUSTIFICATION:

This project responds to the concerns raised by businesses in the City's industrial area regarding the lack of public transit to their area.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

Federal Transportation Planning Grant

177

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CITY OF
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CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Road and Street

Project Title: I-880/92 Reliever Route Project: Design, Right-of-Way and Construction

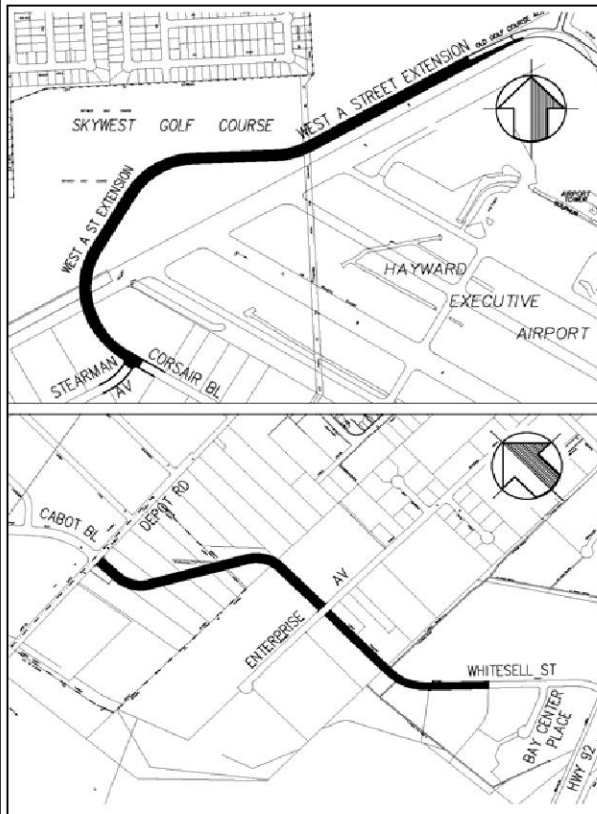
Project No.: 05197

Fund 450 - Street System Improvements

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	5,048	7,627	14,397	440									27,512
Reimbursements	(4,661)	(7,564)	(14,377)	(435)									(27,037)
Net Cost to Fund	387	63	20	5									475



DESCRIPTION:

Phase I of the I-880/92 Reliever Route project consists of construction of the West "A" Street and Whitesell Street extensions. The project, which will cost approximately \$27.5 million and is anticipated to be completed by the end of FY16, is fully funded through the Alameda County Transportation Improvement Authority (ACTIA).

JUSTIFICATION:

All costs will be funded by ACTIA.

REIMBURSEMENTS:

ACTIA

27,037

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Road and Street

Project Title: Project Predesign Services

Project No.: 05148

Fund 450 - Street System Improvements

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	198	30	30	30	30	30	30	30	30	30	30	30	528
Reimbursements													
Net Cost to Fund	198	30	30	30	30	30	30	30	30	30	30	30	528

DESCRIPTION:

City engineering costs associated with predesign of road and street projects, including preliminary survey, design, and cost estimates.

Also includes engineering costs associated with overall administration of all capital projects.

JUSTIFICATION:

Predesign projects fund work by Engineering and Transportation Division staff involving preliminary design and general administrative work performed on the Capital Improvement Program.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Added \$30,000 each in FY23 & FY24 to continue project.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Equipment

Project Title: Alameda County Aerial Photography

Project No.: 05153

Fund 450 - Street System Improvements

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	47	53	0	0	50	0	0	50					200
Reimbursements													0
Net Cost to Fund	47	53	0	0	50	0	0	50					200

DESCRIPTION:

This project will provide new aerial photography to use in periodic updating of the City's GIS.

JUSTIFICATION:

This new set of images will capture recent housing and building developments as well as other items not reflected on older, prior editions.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Livable Neighborhoods

Project Title: Median Landscaping Improvement Project FY15 - Industrial Parkway from Hesperian to Hwy 880

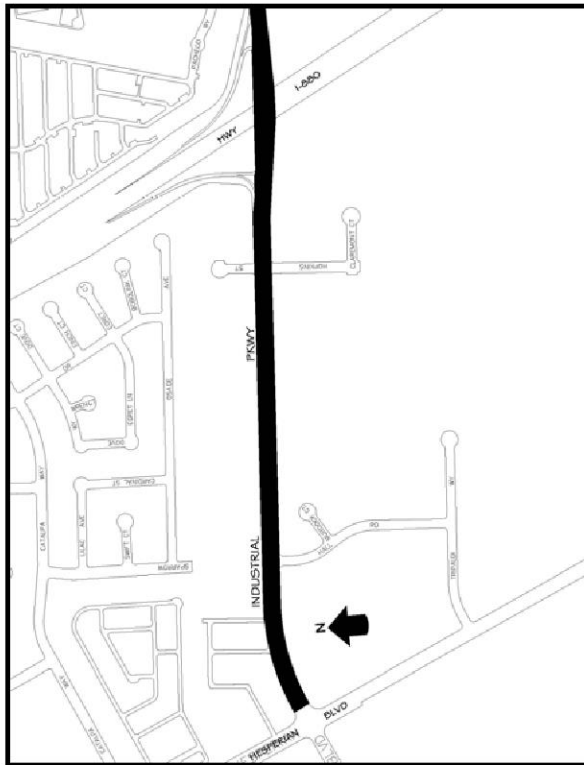
Project No.: 05263

Fund 450 - Street System Improvements

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	0	0	50	450									500
Reimbursements													
Net Cost to Fund	0	0	50	450									500



DESCRIPTION:

This project will install and/or upgrade landscaping in medians along Industrial Parkway from Hesperian to Hwy 880.

JUSTIFICATION:

Replacement of plant material will improve the visual appearance of the medians and improve moisture retention and weed control. In addition, this project responds to both the City's initiative to be "clean and green" as well as recommendations from numerous neighborhood plans. Project is made possible by transfers from the Route 238 Trust Fund.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

Initial improvements will address deterioration that would otherwise increase maintenance costs. Maintaining improvements will require additional landscape maintenance effort.

CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Livable Neighborhoods

Project Title: Sidewalk Rehabilitation FY15 - Districts 1 & 8

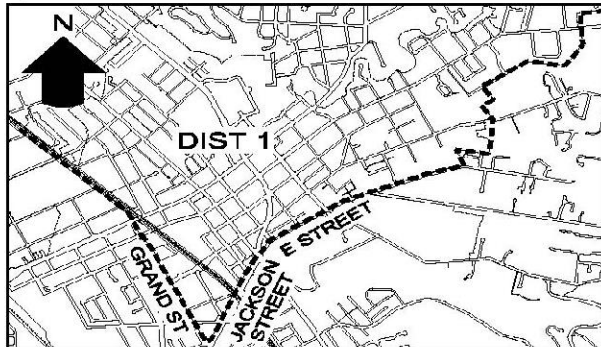
Project No.: 05267

Fund 450 - Street System Improvements

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	0	0	50	750									800
Reimbursements				(80)									(80)
Net Cost to Fund	0	0	50	670									720



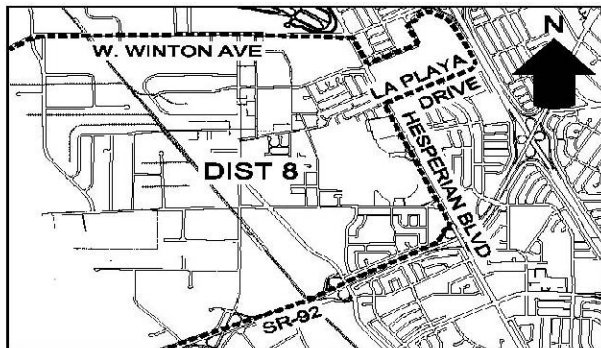
DESCRIPTION:

Continuation of new program to rehabilitate sidewalks, curbs, and gutters in various sections of the City damaged by street trees. The areas of the City that are part of this project are in Districts 1 and 8.

Each year, as funds are appropriated, the current portion of the program will be segregated to more easily track costs.

JUSTIFICATION:

This project is an effort to continue addressing the Citywide damage to sidewalks, curbs, and gutters caused by street trees. This program is made possible by the allocation of Proposition 42/Gas Tax "swap" funding.



REIMBURSEMENTS:

Resident Participation

80

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Road and Street

Project Title: City Municipal Parking Lot #4

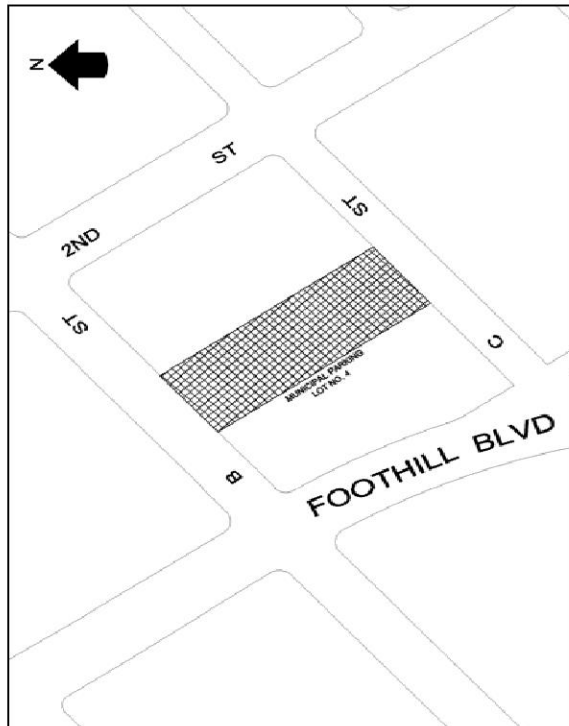
Project No.: To Be Determined

Fund 450 - Street System Improvements

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	0	0	270										270
Reimbursements													
Net Cost to Fund	0	0	270										270



DESCRIPTION:

Each year, funding is utilized to rehabilitate pavement at one of the City's parking lots. For FY15, Parking Lot #4 is scheduled for improvements.

JUSTIFICATION:

Pavement at many of the City's parking lots is starting to fail, thereby posing a hazard to both motorists and pedestrians who traverse through the lots.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Road and Street

Project Title: Pavement Reconstruction FY16-FY24

Project No.: To Be Determined

Fund 450 - Street System Improvements

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	0	0	50	550	400	0	0	400	500	700	700	700	4,000
Reimbursements													
Net Cost to Fund	0	0	50	550	400	0	0	400	500	700	700	700	4,000

DESCRIPTION:

Street maintenance program involving reconstruction or major repair of severely deteriorated streets that will bring them up to acceptable pavement standards.

JUSTIFICATION:

Local streets with a pavement condition index below 30 have generally not been repaired, because of insufficient funding. This program will begin to address these streets.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Added funding of \$700,000 each in FY23 & FY24 to continue project.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Livable Neighborhoods

Project Title: Median Landscaping Improvement Project FY16 - Hesperian from Winton to Chabot Court

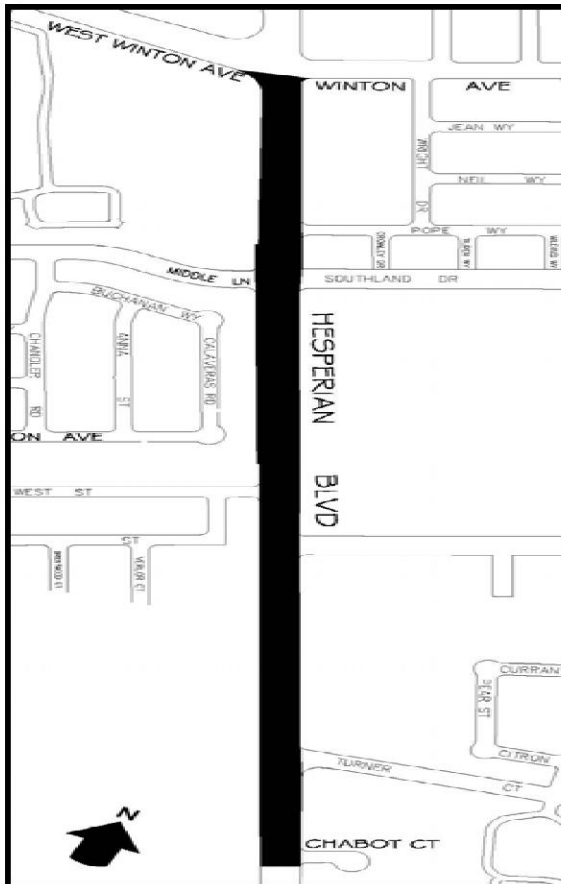
Project No.: To Be Determined

Fund 450 - Street System Improvements

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	0	0	0	50	450								500
Reimbursements													
Net Cost to Fund	0	0	0	50	450								500



DESCRIPTION:

This project will install and/or upgrade landscaping in medians along Hesperian from Winton to Chabot Court.

JUSTIFICATION:

Replacement of plant material will improve the visual appearance of the medians and improve moisture retention and weed control. In addition, this project responds to both the City's initiative to be "clean and green" as well as recommendations from numerous neighborhood plans. Project is made possible by transfers from the Route 238 Trust Fund.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

Initial improvements will address deterioration that would otherwise increase maintenance costs. Maintaining improvements will require additional landscape maintenance effort.



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CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Livable Neighborhoods Project Title: Sidewalk Rehabilitation FY16-FY24
 Project No.: To Be Determined
 Fund 450 - Street System Improvements

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	0	0	0	50	800	800	800	800	800	700	700	700	6,150
Reimbursements					(80)	(80)	(80)	(80)	(80)	(80)	(80)	(80)	(640)
Net Cost to Fund	0	0	0	50	720	720	720	720	720	620	620	620	5,510

DESCRIPTION:

Continuation of new program to rehabilitate sidewalks, curbs, and gutters in various sections of the City damaged by street trees.

Each year, as funds are appropriated, the current portion of the program will be segregated to more easily track costs.

JUSTIFICATION:

This project is an effort to continue addressing the Citywide damage to sidewalks, curbs, and gutters caused by street trees. This program was made possible in prior years by the allocation of LAVWMA funds and currently by the allocation of Proposition 42/Gas Tax "swap" funds and transfers from the Route 238 Trust Fund.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

Resident Participation

640

PROJECT MODIFICATIONS:

Added funding of \$700,000 each in FY23 & FY24 to continue project.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Road and Street

Project Title: City Municipal Parking Lot #1

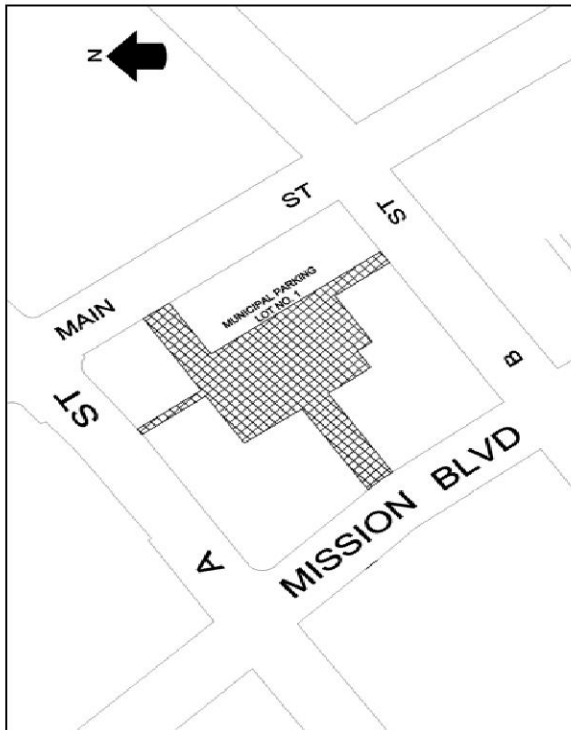
Project No.: To Be Determined

Fund 450 - Street System Improvements

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	0	0	0	0	322								322
Reimbursements													
Net Cost to Fund	0	0	0	0	322								322



DESCRIPTION:

Each year, funding is utilized to rehabilitate pavement at one of the City's parking lots. For FY17, Parking Lot #1 is scheduled for improvements.

JUSTIFICATION:

Pavement at many of the City's parking lots is starting to fail, thereby posing a hazard to both motorists and pedestrians who traverse through the lots.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

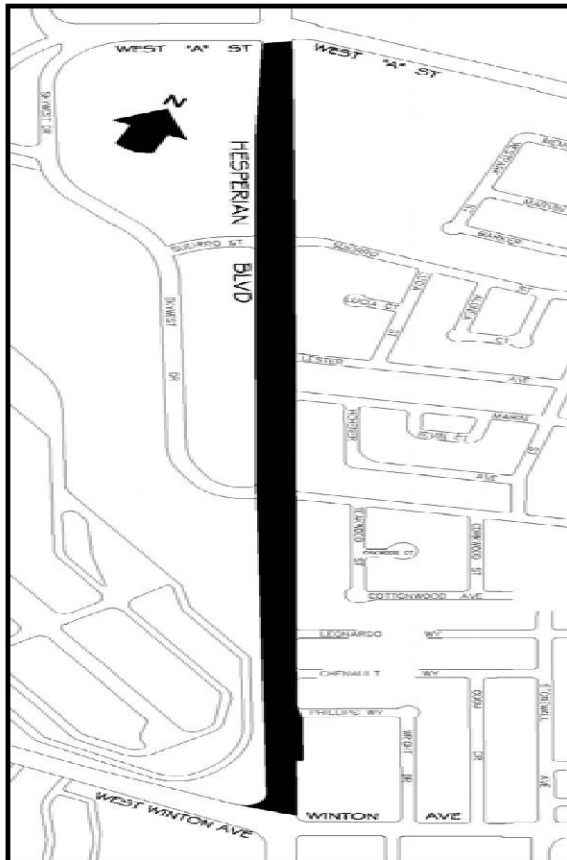
CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Livable Neighborhoods Project Title: Median Landscaping Improvement Project FY17 - Hesperian - West A Street to Winton
 Project No.: To Be Determined
 Fund 450 - Street System Improvements

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	0	0	0	0	100	770							870
Reimbursements													
Net Cost to Fund	0	0	0	0	100	770							870



DESCRIPTION:

This project will install and/or upgrade landscaping in medians along Hesperian from West A Street to Winton.

JUSTIFICATION:

Replacement of plant material will improve the visual appearance of the medians and improve moisture retention and weed control. In addition, this project responds to both the City's initiative to be "clean and green" as well as recommendations from numerous neighborhood plans. Project is made possible by transfers from the Route 238 Trust Fund.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

Initial improvements will address deterioration that would otherwise increase maintenance costs. Maintaining improvements will require additional landscape maintenance effort.

CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Road and Street

Project Title: City Municipal Parking Lot #3

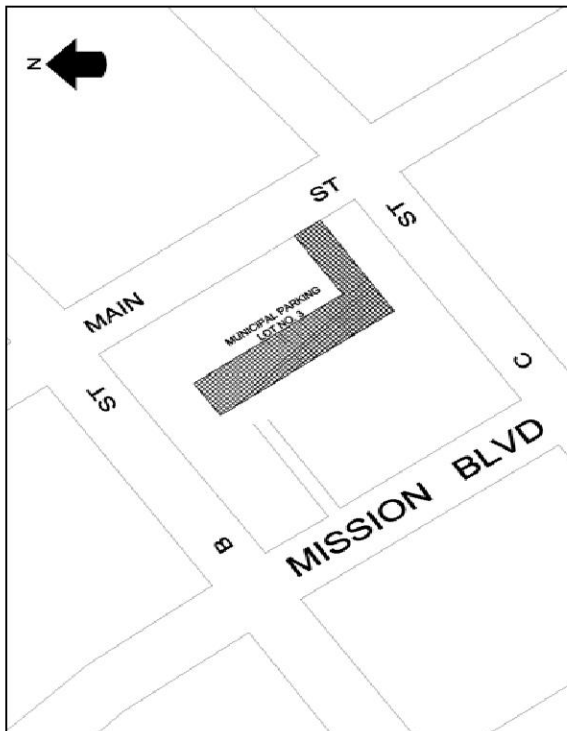
Project No.: To Be Determined

Fund 450 - Street System Improvements

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	0	0	0	0	0	134							134
Reimbursements													
Net Cost to Fund	0	0	0	0	0	134							134



DESCRIPTION:

Each year, funding is utilized to rehabilitate pavement at one of the City's parking lots. For FY18, Parking Lot #3 is scheduled for improvements.

JUSTIFICATION:

Pavement at many of the City's parking lots is starting to fail, thereby posing a hazard to both motorists and pedestrians who traverse through the lots.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Livable Neighborhoods

Project Title: Median Landscaping Improvement Project FY18 - Industrial Blvd. from Hwy 92 to Arf Avenue

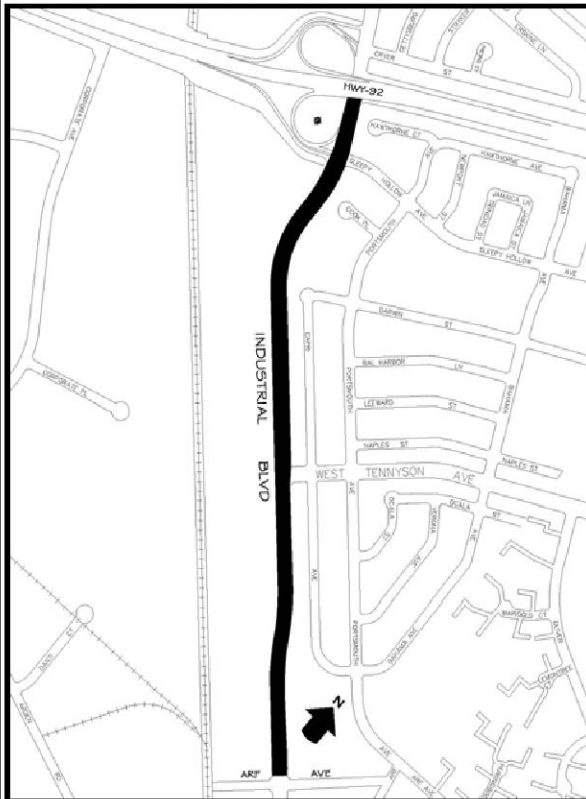
Project No.: To Be Determined

Fund 450 - Street System Improvements

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	0	0	0	0	0	100	1,070						1,170
Reimbursements													
Net Cost to Fund	0	0	0	0	0	100	1,070						1,170



DESCRIPTION:

This project will install and/or upgrade landscaping in medians along Industrial Blvd. from Hwy 92 to Arf Avenue.

JUSTIFICATION:

Replacement of plant material will improve the visual appearance of the medians and improve moisture retention and weed control. In addition, this project responds to both the City's initiative to be "clean and green" as well as recommendations from numerous neighborhood plans. Project is made possible by transfers from the Route 238 Trust Fund.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

Initial improvements will address deterioration that would otherwise increase maintenance costs. Maintaining improvements will require additional landscape maintenance effort.

CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Road and Street

Project Title: City Municipal Parking Lot #7

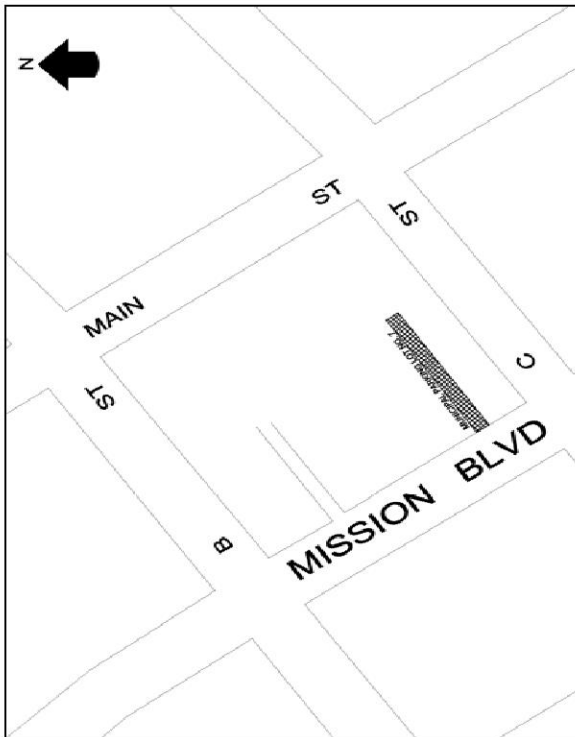
Project No.: To Be Determined

Fund 450 - Street System Improvements

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	0	0	0	0	0	0	107						107
Reimbursements													
Net Cost to Fund	0	0	0	0	0	0	107						107



DESCRIPTION:

Each year, funding is utilized to rehabilitate pavement at one of the City's parking lots. For FY19, Parking Lot #7 is scheduled for improvements.

JUSTIFICATION:

Pavement at many of the City's parking lots is starting to fail, thereby posing a hazard to both motorists and pedestrians who traverse through the lots.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Road and Street

Project Title: Slurry Seal/Preventive Maintenance FY19 - FY24

Project No.: To Be Determined

Fund 450 - Street System Improvements

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	0	0	0	0	0	0	350	400	400	400	400	400	2,350
Reimbursements													
Net Cost to Fund	0	0	0	0	0	0	350	400	400	400	400	400	2,350

DESCRIPTION:

Annual street maintenance project to dig out failed pavement areas, replace with deep-lift asphalt concrete, and place slurry seal over the entire asphalt pavement. Other streets throughout the City with more deteriorated pavement conditions are structurally repaired, which includes spot repairs, placement of reinforcing fabric, and construction of an asphalt concrete overlay. As part of a regular preventative maintenance program, portions of various streets throughout the City are scheduled for slurry seal or overlays each year.

As funds are appropriated, the current year portion of the program is segregated to more easily track costs.

JUSTIFICATION:

Application of slurry seal along with spot repairs extends service life of existing pavement and defers the need for total reconstruction of streets.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Added funding of \$400,000 each in FY23 & FY24 to continue project.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CITY OF
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TRANSPORTATION SYSTEM IMPROVEMENT - FUND 460 (FUND 420)

Page 1

PROJ. NO.	PROJECT DESCRIPTION	PROJ. TOTAL	PRIOR YEARS	EST FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24
05703	Signal Timing and Controller Replacment Program - Clawite <i>TFCA</i>	218 190	119	99 190										
05705	Citywide Intersection Improvement Study	300	0	150	150									
05706	Signal Timing and Controller Replacement Program - A Stree <i>TFCA</i>	209 190	0	150 190	59 190									
05701	Signal Timing and Controller Replacement Program - Hesperian, Tenmyson, and Winton <i>TFCA</i>	693 664	624 614	24	0	45 50								
05709	Traffic Control Devices Repair/Replacement	440	N/A	40	40	40	40	40	40	40	40	40	40	40
05734	Speed Lump Installation Program	880	N/A	80	80	80	80	80	80	80	80	80	80	80
05856	Controller Cabinet Replacement Program	275	N/A	25	25	25	25	25	25	25	25	25	25	25
05877	Transportation System Management Projects	440	N/A	40	40	40	40	40	40	40	40	40	40	40
05893	Quick Response Traffic Safety Projects	165	N/A	15	15	15	15	15	15	15	15	15	15	15
TBD	Intersection Improvement Project - TBD	1,500	0	0	50	250	50	250	50	250	50	250	50	250
NEW	Traffic Impact Fee Study	200	0	0	200									
	TOTAL PROJECT COSTS			623	659	495	250	450	250	450	250	450	250	450
	TOTAL EXPENDITURES			623	659	495	250	450	250	450	250	450	250	450
	REVENUES:													
	Interest			0	2	2	2	2	2	3	3	3	3	3
	TFCA (Projects 5701, 5703 and TBD)			190	190	50								
	REVENUE SUBTOTAL:			190	192	52	2	2	2	3	3	3	3	3
	TRANSFERS IN FROM:													
	Fund 100 (General Fund)			350	550	350	350	350	350	350	350	350	350	350
	TRANSFERS SUBTOTAL:			350	550	350	350	350	350	350	350	350	350	350
	REVENUE TOTALS:			540	742	402	352	352	352	353	353	353	353	353
	BEGINNING FUND BALANCE:			134	51	134	41	143	45	147	50	153	56	159
	ENDING FUND BALANCE:			51	134	41	143	45	147	50	153	56	159	62

CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Road and Street

Project Title: Citywide Intersection Improvement Study

Project No.: 05705

Fund 460 - Transportation System Improvement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	0	150	150										300
Reimbursements													
Net Cost to Fund	0	150	150										300

DESCRIPTION:

The City will engage the services of a consultant to review and create a prioritized list of intersections throughout the City that are in need of improvements due to safety or congestion concerns.

JUSTIFICATION:

Certain intersections within the City are in need of improvements in order to improve safety for pedestrians and/or motorists and reduce traffic delays.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Road and Street

Project Title: Signal Timing and Controller Replacement Program - A Street

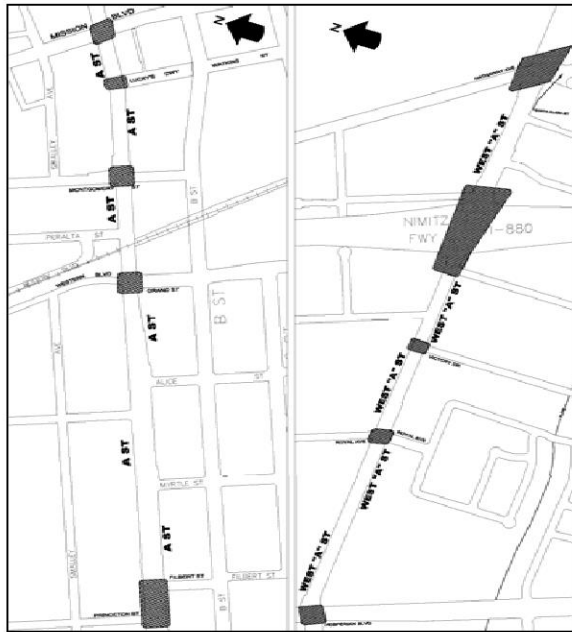
Project No.: 05706

Fund 460 - Transportation System Improvement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	0	150	59										209
Reimbursements			(190)										(190)
Net Cost to Fund	0	150	(131)										19



DESCRIPTION:

Phase 3 of a program to upgrade signal controllers and install video detection on A Street.

JUSTIFICATION:

This project will improve traffic circulation along this main corridor.

REIMBURSEMENTS:

TFCA

190

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Road and Street

Project Title: Signal Timing and Controller Replacement Program - Hesperian, Tennyson, and Winton

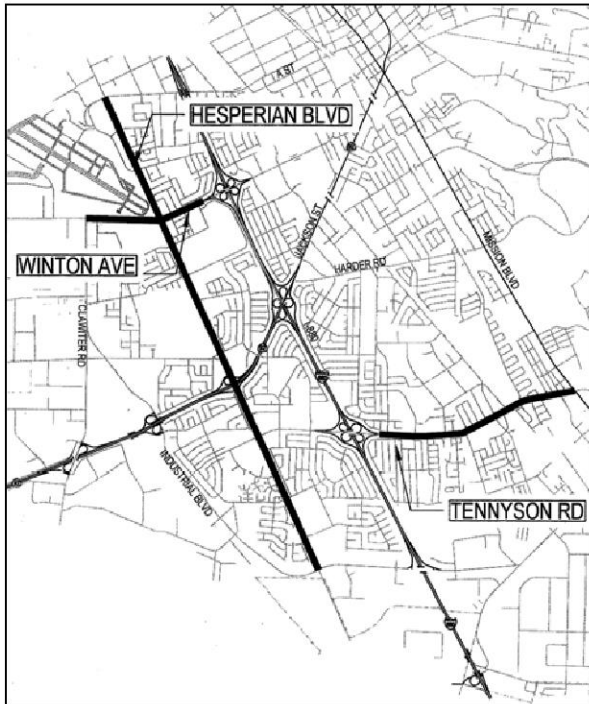
Project No.: 05701

Fund 460 - Transportation System Improvement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	624	24	0	45									693
Reimbursements	(614)			(50)									(664)
Net Cost to Fund	10	24	0	(5)									29



DESCRIPTION:

Phase 1 of a program to upgrade signal controllers and install video detection on Hesperian, Tennyson, and Winton.

JUSTIFICATION:

This project will improve traffic circulation along these main corridors.

REIMBURSEMENTS:

TFCA

664

PROJECT MODIFICATIONS:

Added funding of \$45,000 FY16 to allow for post-project monitoring.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



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CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Road and Street

Project Title: Traffic Control Devices Repair/Replacement

Project No.: 05709

Fund 460 - Transportation System Improvement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	N/A	40	40	40	40	40	40	40	40	40	40	40	440
Reimbursements													
Net Cost to Fund	N/A	40	40	40	40	40	40	40	40	40	40	40	440

DESCRIPTION:

Annual program to repair and replace Citywide traffic control devices identified in inventory. These devices include signs, pavement markings, and signals.

JUSTIFICATION:

This project is a necessary component of a transportation system improvement program.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Funding of \$40,000 was added each in FY23 & FY24 to permit continuation of the project.

OPERATING BUDGET IMPACTS:

If not funded in a capital project, this maintenance would be a direct cost to the General Fund.



CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Livable Neighborhoods Project Title: Speed Lump Installation Program
 Project No.: 05734
 Fund 460 - Transportation System Improvement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	N/A	80	80	80	80	80	80	80	80	80	80	80	880
Reimbursements													
Net Cost to Fund	N/A	80	80	80	80	80	80	80	80	80	80	80	880

DESCRIPTION:

Annual traffic calming project to install speed humps and raised intersections at various locations throughout the City. Locations will be determined by priority list. Raised intersection criteria will be developed next year for routes where speed humps are not appropriate.

JUSTIFICATION:

Program established by Council in response to citizen concerns about speeding on local residential streets.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Added funding of \$80,000 each in FY23 & FY24 to permit continuation of the program.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Road and Street

Project Title: Controller Cabinet Replacement Program

Project No.: 05856

Fund 460 - Transportation System Improvement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	N/A	25	25	25	25	25	25	25	25	25	25	25	275
Reimbursements													
Net Cost to Fund	N/A	25	25	25	25	25	25	25	25	25	25	25	275

DESCRIPTION:

Annual program to replace worn-out controllers at various intersections throughout the City.

JUSTIFICATION:

This maintenance program helps to ensure traffic signals are kept fully operational.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Added funding of \$25,000 each in FY23 & FY24 to permit continuation of the project.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Road and Street

Project Title: Transportation System Management Projects

Project No.: 05877

Fund 460 - Transportation System Improvement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	N/A	40	40	40	40	40	40	40	40	40	40	40	440
Reimbursements													
Net Cost to Fund	N/A	40	40	40	40	40	40	40	40	40	40	40	440

DESCRIPTION:

Continuation of annual project for implementation of various low-cost transportation system management projects (turn arrows, lane striping, signal modifications, pedestrian improvements, etc.).

JUSTIFICATION:

To increase traffic capacity at various City locations.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Added funding of \$40,000 each in FY23 & FY24 to permit continuation of the project.

OPERATING BUDGET IMPACTS:

If not funded in a capital project, this maintenance would be a direct cost to the General Fund.



CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Road and Street

Project Title: Quick Response Traffic Safety Projects

Project No.: 05893

Fund 460 - Transportation System Improvement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	N/A	15	15	15	15	15	15	15	15	15	15	15	165
Reimbursements													
Net Cost to Fund	N/A	15	15	15	15	15	15	15	15	15	15	15	165

DESCRIPTION:

Continuing program to study intersections with high accident rates throughout the City and implement corrective measures, such as right and left turn lanes and more effective signage.

JUSTIFICATION:

This program will improve pedestrian and vehicular traffic safety.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Added funding of \$15,000 each in FY23 & FY24 to permit continuation of the project.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Road and Street

Project Title: Intersection Improvement Project - TBD

Project No.: To Be Determined

Fund 460 - Transportation System Improvement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	0	0	50	250	50	250	50	250	50	250	50	250	1,500
Reimbursements													
Net Cost to Fund	0	0	50	250	50	250	50	250	50	250	50	250	1,500

DESCRIPTION:

Project to construct various intersection-related improvements, such as traffic signal modifications and lane improvements.

JUSTIFICATION:

This project will help address congestion and flow of traffic onto other arterials at intersections to be determined later.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Added \$300,000 to allow for an additional improvement project during FY23 & FY24.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



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CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Road and Street

Project Title: Traffic Impact Fee Study

Project No.: New

Fund 460 - Transportation System Improvement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	0	0	200										200
Reimbursements													
Net Cost to Fund	0	0	200										200

DESCRIPTION:

This project will assess the viability of implementing a traffic impact fee program.

JUSTIFICATION:

Traffic impact fees are collected from developers to mitigate impacts on the City's transportation networks resulting from new development.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



WATER REPLACEMENT - FUND 603 (FUND 623)

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PROJ. NO.	PROJECT DESCRIPTION	PROJ. TOTAL	PRIOR YEARS	EST FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24
07001	Utilities Storage Building Fabric Replacement	60	0	60										
07004	Distribution System Pressure Reducing Strategy	500	0	500										
07041	Cathodic Protection Master Plan	294	250	44										
07045	250-500 16" Transmission Main Replacement - Highland Blvd	1,400	944	456										
07052	Highland 250 Pump Station Upgrade	400	240	160										
07053	SCADA Historian Software	50	34	16										
07054	Feasibility Study of Conversion to Advanced Metering Infrastructure (AMI)	50	2	48										
07110	750' Reservoir Inspection and Repair	750	0	750										
07111	Annual Water Line Replacements FY14	300	0	300										
07113	Weather-based Irrigation Controller	10	0	10										
07163	Main Replacements - Jackson, Mission, Pontiac, Meek, Glade, Winton, and Grand	3,000	1,094	1,906										
	<i>Project Revenue</i>	10	10											
07026	Water System Leak Detection Survey and Repair	275	97	28	150									
07043	Asset Management Plan	100	2	0	98									
07049	City-owned Turf Area Assessment and Pilot Turf Repl Program	105	1	69	35									
07050	Bay-Friendly Water Conservation/Demonstration Garden	170	1	9	160									
07035	City Irrigation System Backflow Replacements	150	120	10	10	10								
07047	Water Efficient Landscape Surveys and Incentives	475	81	19	125	250								
07025	Conversion to Advanced Metering Infrastructure (AMI)	6,000	0	0	2,000	2,000	2,000							
07005	Cast Iron Water Pipeline Replacement	5,000	8	992	1,000	1,000	1,000	1,000						
07003	Miscellaneous Hydrant Replacement Program	363	N/A	88	50	25	25	25	25	25	25	25	25	25
07006	Annual System Replacement Program	1,600	N/A	100	150	150	150	150	150	150	150	150	150	150
07013	High Efficiency Fixture Replacement Program	1,900	328	572	100	100	100	100	100	100	100	100	100	100
07030	Project Predesign Services	275	N/A	25	25	25	25	25	25	25	25	25	25	25
07112	Water System Master Plan Replacement Projects	1,000	0	0	0	0	500	500						
07046	Replace 16" Water Line near Mission & Willis	2,030	0	0	0	0	0	0	0	250	1,780			
TBD	Annual Water Line Replacements FY15	300	0	0	300									
TBD	Annual Line Replacements - FY16 - FY24	12,000	0	0	0	1,000	1,000	1,000	1,500	1,500	1,500	1,500	1,500	1,500
TBD	SCADA System Evaluation and Upgrade	500	0	0	0	0	0	500						
NEW	Floor Drain Removal Project at 1285 and 1530 Tanks	200	0	0	200									
NEW	Parts Replacement at Wells B & D2	400	0	0	400									
NEW	Restore Water Mains Crossing at I-880	550	0	0	550									
NEW	Green Hayward PAYS Pilot Project	1,000	0	0	1,000									
	<i>New Resource Bank Loan</i>	1,000			1,000									
NEW	Reservoir Coating Inspection/Recoating at 250' East, 250' West, Garin, South Walpert, Treeview, and 1000'	3,000	0	0	1,500	1,500								

WATER REPLACEMENT - FUND 603 (FUND 623)

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PROJ. NO.		PROJ. TOTAL	PRIOR YEARS	EST FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24
	PROJECT DESCRIPTION													
	TOTAL PROJECT COSTS			6,162	7,853	6,060	4,800	3,300	1,800	2,050	3,580	1,800	1,800	1,800
	TOTAL EXPENDITURES			6,162	7,853	6,060	4,800	3,300	1,800	2,050	3,580	1,800	1,800	1,800
	REVENUES: Interest New Resource Bank Loan - Green Hayward PAYS Pilot Project (Project NEW)			89	147 1,000	81	34	13	18	44	36	32	54	76
	REVENUE SUBTOTAL:			89	1,147	81	34	13	18	44	36	32	54	76
	TRANSFERS IN FROM: Replacement Transfer from Fund 605 Transfer from Fund 604 (50% of cast iron pipeline repl)			2,000 500	2,500 500	2,500 500	2,500 500	2,500 500	2,500	2,500	2,500	2,500	2,500	2,500
	TRANSFERS SUBTOTAL:			2,500	3,000	3,000	3,000	3,000	2,500	2,500	2,500	2,500	2,500	2,500
	REVENUE TOTALS:			2,589	4,147	3,081	3,034	3,013	2,518	2,544	2,536	2,532	2,554	2,576
	BEGINNING FUND BALANCE:			12,848	9,275	5,569	2,590	824	537	1,255	1,749	705	1,437	2,191
	ENDING FUND BALANCE:			9,275	5,569	2,590	824	537	1,255	1,749	705	1,437	2,191	2,967

CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Water System

Project Title: Water System Leak Detection Survey and Repair

Project No.: 07026

Fund 603 - Water Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	97	28	150										275
Reimbursements													
Net Cost to Fund	97	28	150										275

DESCRIPTION:

The City is currently completing a Water Loss Study to determine the causes of non-revenue water consumption; that is, water is purchased by the City from SFPUC, but is not accounted for in water sales. A potential contributing factor is the number of system leaks.

JUSTIFICATION:

A thorough, connection-by-connection survey of a representative sample of the water distribution system indicated that significant water savings may be achieved through a comprehensive leak detection survey and repair effort.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Added \$75,000 to complete project.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CITY OF
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CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Water System

Project Title: Asset Management Plan

Project No.: 07043

Fund 603 - Water Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	2	0	98										100
Reimbursements													
Net Cost to Fund	2	0	98										100

DESCRIPTION:

An updated plan will serve to evaluate all major sewer facilities and pipelines as well as provide a schedule of cost estimates for the replacement/rehabilitation of such facilities and pipelines.

JUSTIFICATION:

This project will ensure proper maintenance of utilities, facilities, and pipelines.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Landscape

Project Title: City-owned Turf Area Assessment and Pilot Turf Replacement Program

Project No.: 07049

Fund 603 - Water Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	1	69	35										105
Reimbursements													
Net Cost to Fund	1	69	35										105

DESCRIPTION:

The study will identify all City-owned turf areas; assess its function and use; make turf replacement recommendations; and set priorities for implementation. From the assessment study, one or two sites would be chosen to implement water conservation measures in accordance with the priorities set forth in the assessment study. The implementation could include turf replacement with water-wise plants, or other complimenting alternative materials, or irrigation system replacement and rehabilitation, or combinations thereof.

JUSTIFICATION:

This project would support the City's commitment to water conservation.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Landscape

Project Title: Bay-Friendly Water Conservation/Demonstration Garden

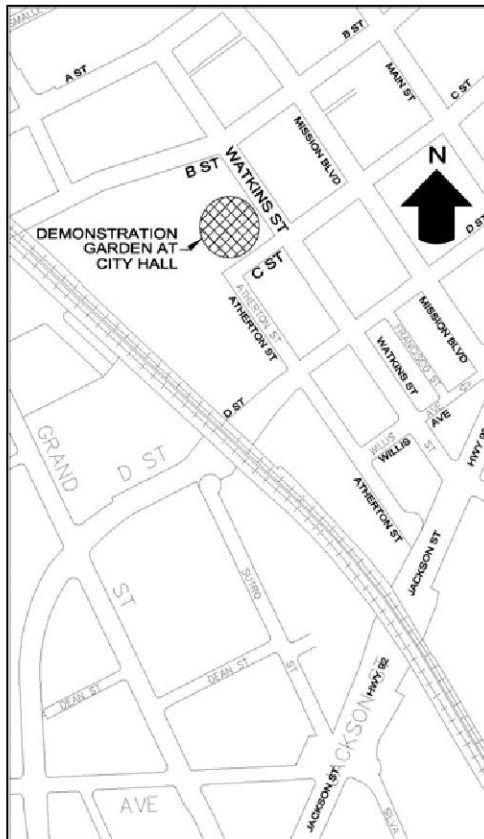
Project No.: 07050

Fund 603 - Water Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	1	9	160										170
Reimbursements													
Net Cost to Fund	1	9	160										170



DESCRIPTION:

This project would support an innovative, water-efficient demonstration garden next to a well-traveled walkway that connects City Hall to a regional public transportation station (BART). The garden would replace existing turf and non-native shrubs on a 6,700 sq. ft. area with a garden that encompasses water use efficiency, bay-friendly landscaping practices, and integrated pest control. The project would include an educational outreach program, with signage for a self-guided tour, and brochures.

JUSTIFICATION:

The primary objective of this project is to educate the public on the use of water-wise plants and efficient irrigation technologies as well as complying with a best management practice associated with State Regional Water Quality Control Board regulations.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Water System

Project Title: City Irrigation System Backflow Replacements

Project No.: 07035

Fund 603 - Water Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	120	10	10	10									150
Reimbursements													
Net Cost to Fund	N/A	10	10	10									150

DESCRIPTION:

Project to replace failing and obsolete backflow devices in City landscape areas.

JUSTIFICATION:

Backflow devices protect the City's water supply from possible contamination.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Landscape

Project Title: Landscape Audits and Water Efficient Landscape Rebates

Project No.: 07047

Fund 603 - Water Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	81	19	125	250									475
Reimbursements													
Net Cost to Fund	81	19	125	250									475

DESCRIPTION:

This project will provide large landscape area surveys to assess irrigation needs and water budgets to assist property owners in controlling irrigation water use. In addition, rebates will be provided for the conversion of high-water use landscaping to water-efficient landscaping through the use of climate-appropriate plants, efficient & weather-based irrigation system, and permeable landscaping.

JUSTIFICATION:

This project promotes water conservation.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Water System

Project Title: Conversion to Advanced Metering Infrastructure

Project No.: 07025

Fund 603 - Water Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	0	0	2,000	2,000	2,000								6,000
Reimbursements													
Net Cost to Fund	0	0	2,000	2,000	2,000								6,000

DESCRIPTION:

Based on the result of the proposed feasibility study, this project would implement the conversion of existing water meters to advanced metering infrastructure.

JUSTIFICATION:

Advanced metering infrastructure can provide customers and the City with accurate, up-to-date information on water usage and costs and reduce meter reading costs.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Water System

Project Title: Cast Iron Water Pipeline Replacement

Project No.: 07005

Fund 603 - Water Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	8	992	1,000	1,000	1,000	1,000							5,000
Reimbursements													
Net Cost to Fund	8	992	1,000	1,000	1,000	1,000							5,000

DESCRIPTION:

This project will remove and replace cast iron distribution pipelines that have exceeded their useful service life.

JUSTIFICATION:

The replacement of older distribution pipelines will ensure reliable service with improved water quality and conveyance with less interruption of service due to water leaks.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Water System

Project Title: Miscellaneous Hydrant Replacement Program

Project No.: 07003

Fund 603 - Water Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	N/A	88	50	25	25	25	25	25	25	25	25	25	363
Reimbursements													
Net Cost to Fund	N/A	88	50	25	25	25	25	25	25	25	25	25	363

DESCRIPTION:

Annual replacement of fire hydrants by City crews and by contract. Program involves replacement with standard hydrants that have 4½" fire pumper connections.

JUSTIFICATION:

This project is a necessary safety maintenance measure.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Added funding of \$25,000 each in FY23 & FY24 to continue this program.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Water System

Project Title: Annual System Replacement Program

Project No.: 07006

Fund 603 - Water Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	N/A	100	150	150	150	150	150	150	150	150	150	150	1,600
Reimbursements													
Net Cost to Fund	N/A	100	150	150	150	150	150	150	150	150	150	150	1,600

DESCRIPTION:

Annual program for unanticipated repair and replacement of system components, e.g., pumps, valves, controls, etc., and repair of short main segments on an as-needed basis.

JUSTIFICATION:

This is part of a continuing program to maintain and upgrade water facilities.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Added funding of \$150,000 each in FY23 & FY24 to continue this program.

OPERATING BUDGET IMPACTS:

This project reduces annual maintenance costs.



CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Water System

Project Title: High Efficiency Fixture Replacement Program

Project No.: 07013

Fund 603 - Water Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	328	572	100	100	100	100	100	100	100	100	100	100	1,900
Reimbursements													
Net Cost to Fund	328	572	100	100	100	100	100	100	100	100	100	100	1,900

DESCRIPTION:

Provide incentives to customers for the replacement of existing plumbing fixtures with water efficient models.

JUSTIFICATION:

This project promotes water conservation.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Added \$100,000 each in FY23 & FY24 to continue this project.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Water System

Project Title: Project Predesign Services

Project No.: 07030

Fund 603 - Water Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	N/A	25	25	25	25	25	25	25	25	25	25	25	275
Reimbursements													
Net Cost to Fund	N/A	25	25	25	25	25	25	25	25	25	25	25	275

DESCRIPTION:

City engineering costs associated with predesign of water projects, including preliminary survey, design, and cost estimates.

JUSTIFICATION:

Predesign projects fund work by Engineering and Transportation Division staff involving preliminary design and general administrative work performed on the Capital Improvement Program.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Funding of \$25,000 added each in FY23 & FY24 to continue the project.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



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CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Water System

Project Title: Water System Master Plan Replacement Projects

Project No.: 07112

Fund 603 - Water Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	0	0	0	0	500	500							1,000
Reimbursements													
Net Cost to Fund	0	0	0	0	500	500							1,000

DESCRIPTION:

It is anticipated that the Water System Master Plan, scheduled to be completed in 2012, will identify needed improvement projects in order to ensure the reliability of the City's water distribution system.

JUSTIFICATION:

This project serves as a place holder to fund implementation of the Plan recommendations that result in improvements to the system, such as replacing existing facilities and equipment.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Reduced total cost for project by \$1,500,000 in order to cover the cost of master plan projects.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Water System

Project Title: Replace 16" Water Line near Mission Boulevard & Willis Avenue

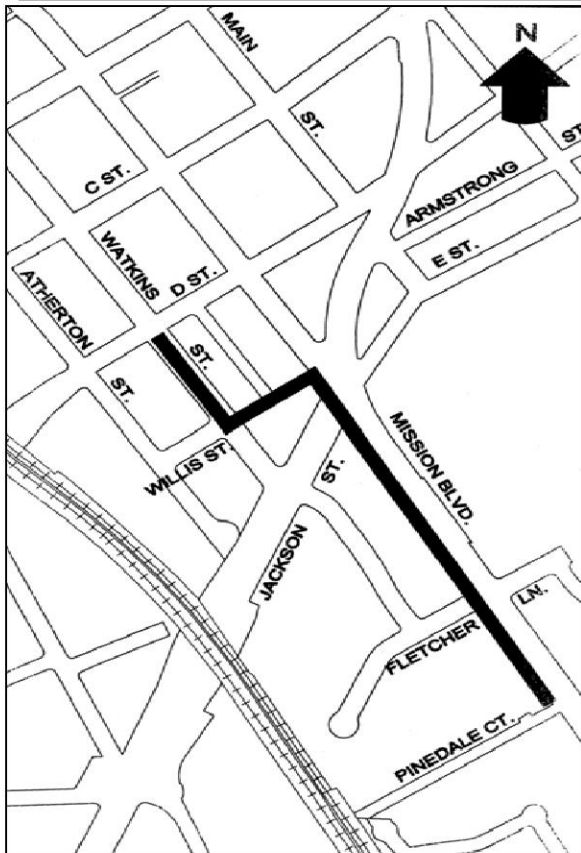
Project No.: 07046

Fund 603 - Water Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	0	0	0	0	0	0	0	250	1,780				2,030
Reimbursements													
Net Cost to Fund	0	0	0	0	0	0	0	250	1,780				2,030



DESCRIPTION:

Project to replace 2,500 feet of 16-inch pipeline with 30-inch pipeline near Willis Avenue and Mission Boulevard.

JUSTIFICATION:

Recommended in Water Distribution System Master Plan, December 1995.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Water System

Project Title: Annual Line Replacements FY15

Project No.: To Be Determined

Fund 603 - Water Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	0	0	300										300
Reimbursements													
Net Cost to Fund	0	0	300										300

DESCRIPTION:

Citywide program to replace existing 4" mains with 6" mains. Each year, a group of mains will be replaced, and that targeted group will be segregated from the ongoing project to track costs.

JUSTIFICATION:

To provide adequate hydraulic capacity for desired flow in existing hydrants.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Water System

Project Title: Annual Line Replacements FY16-FY24

Project No.: To Be Determined

Fund 603 - Water Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	0	0	0	1,000	1,000	1,000	1,500	1,500	1,500	1,500	1,500	1,500	12,000
Reimbursements													
Net Cost to Fund	0	0	0	1,000	1,000	1,000	1,500	1,500	1,500	1,500	1,500	1,500	12,000

DESCRIPTION:

City-wide program to replace existing 4" mains with 6" mains. Each year, a group of mains will be replaced, and that targeted group will be segregated from the ongoing project to track costs.

JUSTIFICATION:

To provide adequate hydraulic capacity for desired flow in existing hydrants.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Added funding of \$1,500,000 each in FY23 & FY24 to continue project.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Equipment

Project Title: SCADA System Evaluation and Upgrade

Project No.: To Be Determined

Fund 603 - Water Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	0	0	0	0	0	500							500
Reimbursements													
Net Cost to Fund	0	0	0	0	0	500							500

DESCRIPTION:

This project will fund an evaluation of the water portion of the SCADA system and implementation of recommended upgrades to the software and hardware.

JUSTIFICATION:

Periodic evaluation of the SCADA system will allow for the purchase of the most current and appropriate software to ensure the proper functioning of the system.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Water System

Project Title: Floor Drain Removal Project at 1285 and 1530 Tanks

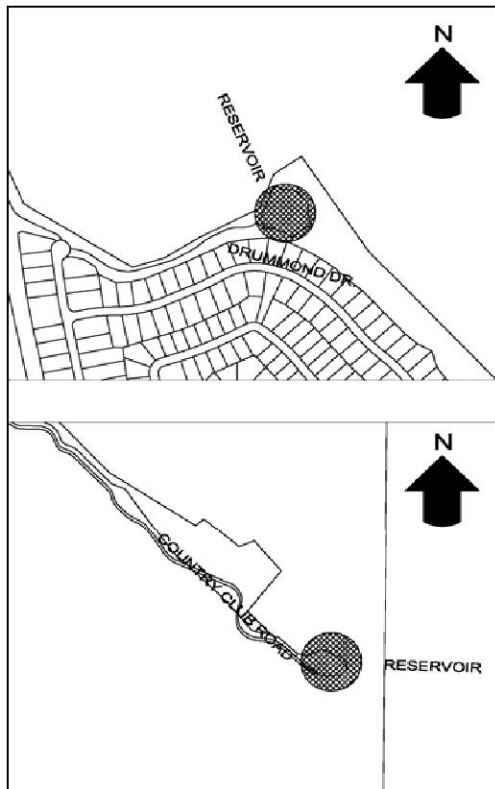
Project No.: New

Fund 603 - Water Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	0	0	200										200
Reimbursements													
Net Cost to Fund	0	0	200										200



DESCRIPTION:

This project will seismically harden the 1285 and 1530 steel water storage reservoirs by removing the hard plumbed connection to the floor drain piping.

JUSTIFICATION:

If the 1285 and 1530 reservoirs are subject to a large enough seismic event, there is the potential that the tanks' floor drains piping could shear, resulting in the unintended draining of the tanks when reserve water storage would be most needed.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Water System

Project Title: Parts Replacement at Wells B and D2

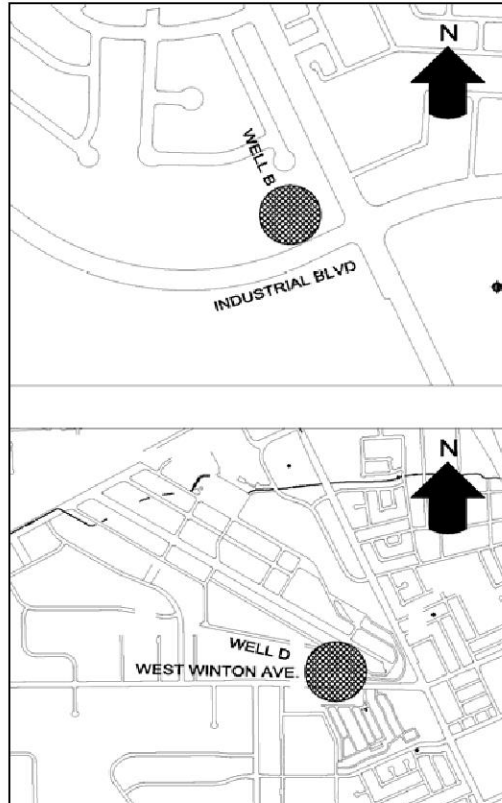
Project No.: New

Fund 603 - Water Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	0	0	400										400
Reimbursements													
Net Cost to Fund	0	0	400										400



DESCRIPTION:

The existing column pipe, pump and lining existing casing pipe will be replaced at Well B and the existing shaft and impeller will be realigned at Well D2.

JUSTIFICATION:

The existing column pipe and screen at Well B is badly corroded and the pump is not functional. The existing pump at Well D2 is sand locked and is not operational.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Water System

Project Title: Restore Water Mains Crossing at I-880

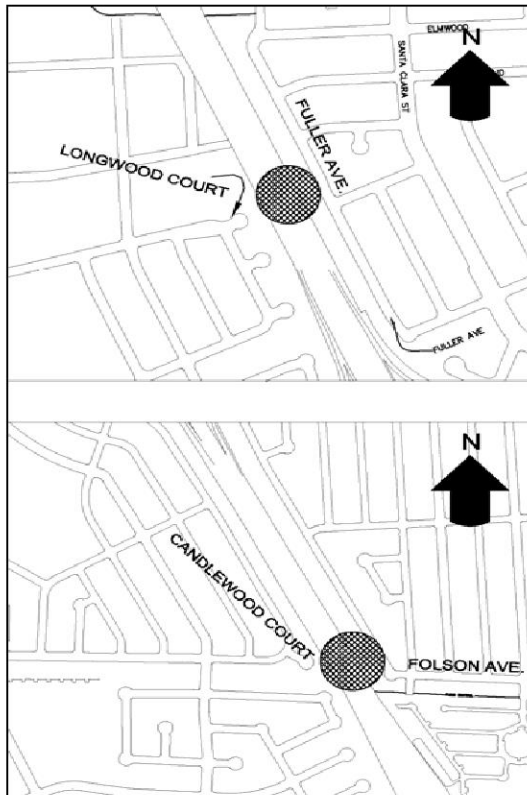
Project No.: New

Fund 603 - Water Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	0	0	550										550
Reimbursements													
Net Cost to Fund	0	0	550										550



DESCRIPTION:

This project will restore existing water mains crossing I-880 at two locations (Longwood Court to Fuller Avenue and Candlewood Court to Folsom Avenue).

JUSTIFICATION:

The restoration of the water mains crossing will improve existing water quality, circulation, and fire flow.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Water System

Project Title: Green Hayward Pays Pilot Project

Project No.: New

Fund 603 - Water Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	0	0	1,000										1,000
Reimbursements			(1,000)										(1,000)
Net Cost to Fund	0	0	0										0

DESCRIPTION:

The Green Hayward "Pay As You Save" (PAYS) Pilot Project is an on-bill repayment program that would allow multifamily utility customers to install water and energy efficiency improvements with no up front costs. Project costs would be paid back over time on the customer's utility bill.

JUSTIFICATION:

The Green Hayward PAYS Pilot project would further the City's water and energy conservation goals by providing a financing mechanism for multifamily utility customers to install efficiency measures.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

New Resource Bank Loan

1,000

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Water System

Project Title: Reservoir Coating Inspection/Recoating at 250' East, 250' West, Garin, South Walpert, Treeview, and 1000'

Project No.: New

Fund 603 - Water Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	0	0	1,500	1,500									3,000
Reimbursements													
Net Cost to Fund	0	0	1,500	1,500									3,000

DESCRIPTION:

This project will inspect the internal coating of the 1000' reservoir for integrity as well as inspect the internal and external coatings of the 250' East, 250' West, Garin, South Walpert and Treeview reservoirs.

JUSTIFICATION:

Tank cleaning results in 2013 indicate the listed tanks have coating integrity issues in need of more detailed inspections. Each tank may need internal and/or external recoating.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

WATER IMPROVEMENT - FUND 604 (FUND 622)

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PROJ. NO.	PROJECT DESCRIPTION	PROJ. TOTAL	PRIOR YEARS	EST FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24
07021	Groundwater Management Plan	300	22	278										
07024	Reservoir and Wellsite Landscape Improvements	150	41	109										
07101	Cross Connection Improvement Project	100	1	99										
07103	Design of Facility Improvements for Water Distribution Field and Customer Services	200	0	200										
07107	Mission Aqueduct Condition Assessment & Cathodic Protection	900	1	899										
07120	Water System Master Plan Update	400	270	130										
07166	Regional Water Intertie Project Administration	175	139	36										
07177	GIS Data Development and Conversion	175	54	121										
07102	Reservoir Water Quality Review	300	0	100	200									
07106	Dead-end Water Main Improvements	400	0	200	200									
07122	Mission Aqueduct Seismic Improvements <i>FEMA Hazard Mitigation Grant via CalEMA</i>	3,750 3,000	136 0	614	3,000 3,000									
07140	Second Water Supply Source to 330 Zone	770	120	250	400									
07160	Seismic Retrofit Maitland Reservoir and Appurtenances	2,130	27	503	1,600									
07176	Utility Center Renovation/Training Center Addition (2nd Floor) <i>Fund 612</i>	2,804 1,400	6 1,400	298	2,500									
07108	D Street, Treeview, Maitland Reservoir Water Quality Pump Upgrade	450	0	100	100	250								
07029	Project Predesign Services	165	N/A	15	15	15	15	15	15	15	15	15	15	15
07119	Radio Telemetry & Transducer Replacement & Upgrade	165	N/A	15	15	15	15	15	15	15	15	15	15	15
07136	System Seismic Upgrades	400	0	0	400									
07173	Seismic Retrofit Highland 250 Reservoirs	1,026	29	0	997									
07105	Solar Power at Various Water Facilities	3,000	0	0	500	2,500								
07172	New 3 MG Reservoir at High School Reservoir Site	7,003	103	0	0	0	0	0	0	0	0	0	6,900	0
TBD	Groundwater Management Plan Modeling & Implementation	3,000	0	0	0	0	0	3,000						
TBD	New 2 MG Reservoir at Hesperian Site	5,800	0	0	0	0	0	0	0	5,800				
NEW	New 1.2MG Reservoir in 1530' Zone <i>Developer Reimbursement</i>	1,890 2,065	0 0	200	1,690 413		413	413	413					
NEW	Hesperian Site Additional Paving	90	0	0	90									
NEW	Hydra Stop Line Stopping and Valve Kit	100	0	0	100									
NEW	New 8" Pipeline - BART Access Road near Maintenance Yard <i>BART Reimbursement</i>	300 300	0	0	300 300									
NEW	New 1000' Zone Regulating Station (Skyline Drive)		0	0	475									
NEW	New 12" Pipeline - Dunn Road Near RCEC	580	0	0	580									
NEW	New 0.75MG Tank, Pumps, and Generator at Garin Reservoir/ Pumps Station Site <i>Developer Reimbursement</i>	1,565 1,565	0	0	1,565 313	313	313	313	313					
NEW	Overhead Structures at 250' and 500' Pump Stations	310	0	0	160	150								

WATER IMPROVEMENT - FUND 604 (FUND 622)

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PROJ. NO.	PROJECT DESCRIPTION	PROJ. TOTAL	PRIOR YEARS	EST FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24
NEW	New 12" Pipeline - Navan/Benmore Drive <i>Developer Reimbursement</i>	110 110	0 0	0 0	0 0	110 110								
NEW	Rehabilitation of Pressure Regulation Station in 250' Zone	500	0	0	0	500								
	TOTAL PROJECT COSTS			4,167	14,887	3,540	30	3,030	30	5,830	30	30	6,930	30
	Retirement of Debt Service for Utilities Center (Project 07176)	1,722	1,722											
	Retirement of Debt Service - Hesperian Pump Station	11,081	2,101	300	300	300	300	300	300	300	300	300	300	300
	Transfer to Fund 603 - 50% of Cast Iron Pipe Replacement		500	500	500	500	500							
	Transfer to Fund 612 - 50% of Recycled Water Loan DS (\$5.7 million @ 2.5% for 20 years) (Project 07507 in Fund 612)			0	185	185	185	185	185	185	185	185	185	185
	Loan to Sewer System Improvement Fund 612 for Solar Project Phase II (Project 07530 in Fund 612)			0	3,500									
	TOTAL EXPENDITURES			4,967	19,372	4,415	1,015	3,515	515	6,315	515	515	7,415	515
	REVENUES:													
	Interest			109	178	60	65	83	106	141	113	172	129	84
	Facilities Fee			1,800	1,900	1,900	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000
	Repayment of Loan to Fund 612 for Solar Project Phase II (\$2 million at 3% for ten years to 2025) (Project 07530 in Fund 612)			0	0	0	355	355	355	355	355	355	355	355
	FEMA Hazard Mitigation Grant via CalEMA (Project 07122)				3,000									
	Developer Reimbursement of 1.8MG Reservoir in 1530' Zone (Project NEW)				413	413	413	413	413					
	Developer Reimbursement of New .75 Tank and Pumps at Garin Reservoir/Pump Station (Project NEW)				313	313	313	313	313					
	BART Reimbursement (for New 8" Pipeline - BART Access Road near Maintenance Yard project)				300									
	Developer Reimbursement (for New 12" Pipeline - Navan/Benmore Drive project)					110								
	REVENUE SUBTOTAL:			1,909	6,104	2,796	3,146	3,164	3,187	2,496	2,468	2,527	2,484	2,439
	TRANSFERS IN FROM:													
	TRANSFERS SUBTOTAL:													
	REVENUE TOTALS:			1,909	6,104	2,796	3,146	3,164	3,187	2,496	2,468	2,527	2,484	2,439
	BEGINNING FUND BALANCE:			20,169	17,111	3,843	2,224	4,355	4,004	6,676	2,857	4,810	6,822	1,891
	ENDING FUND BALANCE:			17,111	3,843	2,224	4,355	4,004	6,676	2,857	4,810	6,822	1,891	3,815

CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Water System

Project Title: Reservoir Water Quality Review

Project No.: 07102

Fund 604 - Water Improvement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	0	100	200										300
Reimbursements													
Net Cost to Fund	0	100	200										300

DESCRIPTION:

The first phase of this project is to investigate the feasibility of installing sodium hypochlorite boosting stations; the second phase will be to design and install one booster station to serve as a pilot project in order to further study and confirm the effects of adding sodium hypochlorite to the water distribution system

JUSTIFICATION:

This project serves to improve water quality and prevent nitrification episodes.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Added funding of \$100,000 to project in order to complete project.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



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HAYWARD
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CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Water System

Project Title: Dead-End Water Main Improvements

Project No.: 07106

Fund 604 - Water Improvement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	0	200	200										400
Reimbursements													
Net Cost to Fund	0	200	200										400

DESCRIPTION:

This project will identify and loop 5 dead-ends each year in order to improve water quality by ensuring a continuous flow of water. In addition, this project will include the design and installation of a water main and appurtenances as required to meet CDPH water quality standards.

JUSTIFICATION:

The key benefit to these improvements is reduced manual flushing operations, which, in turn, lowers the amount of water lost due to flushing and the number of labor hours that are dedicated to flushing.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Water System

Project Title: Mission Aqueduct Seismic Improvements

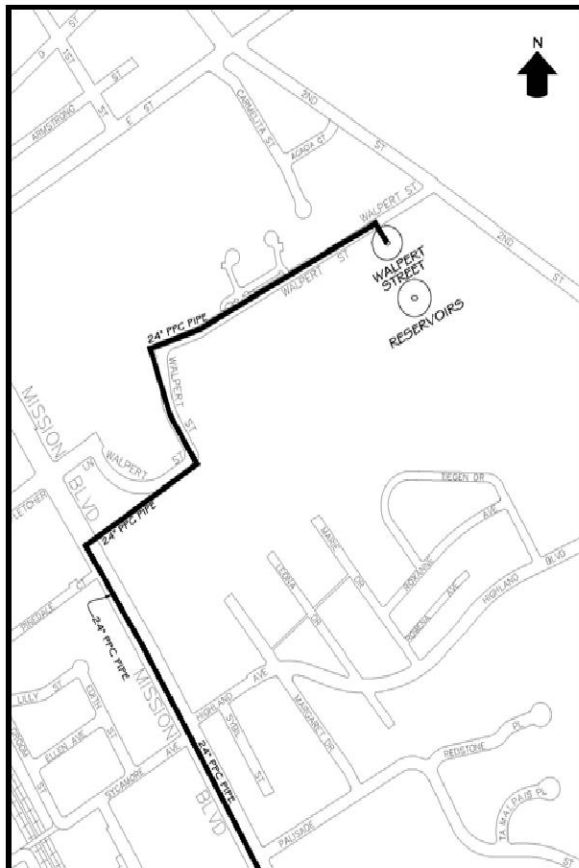
Project No.: 07122

Fund 604 - Water Improvement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	136	614	3,000										3,750
Reimbursements													
Net Cost to Fund	136	614	3,000										3,750



DESCRIPTION:

A consultant will be hired to evaluate, recommend, and design the selected seismic improvements for the 24" prestressed concrete cylinder pipe, which was constructed in 1950 and extends from the Hetch Hetchy Bay Division pipelines at Mission Boulevard in Fremont to the Walpert Reservoirs in Hayward. Improvements will initially include installation of isolation valves outside of the fault zone, condition assessment of the aqueduct, and precise locating of the numerous other utilities in the area (i.e. Water and Gas).

JUSTIFICATION:

This project will significantly improve the reliability and probability that the 24" Mission Aqueduct can be quickly returned to service after a major earthquake.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Water System

Project Title: Second Water Supply Source to the 330 Zone

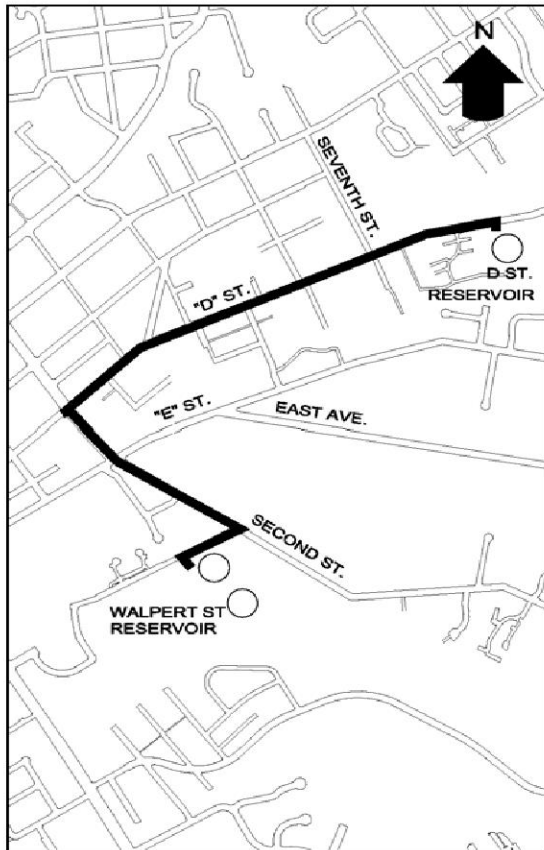
Project No.: 07140

Fund 604 - Water Improvement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	120	250	400										770
Reimbursements													
Net Cost to Fund	120	250	400										770



DESCRIPTION:

Project to install new water lines and a new PRV station near the Walpert tanks, thereby creating a parallel water supply for improved fire suppression capacity. A portion of the project has been completed through the improvements at the Second and E Street intersection.

JUSTIFICATION:

Project recommended in the Water System Master Plan Update, December 2002.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Water System

Project Title: Seismic Retrofit Maitland Reservoir & Appurtenances

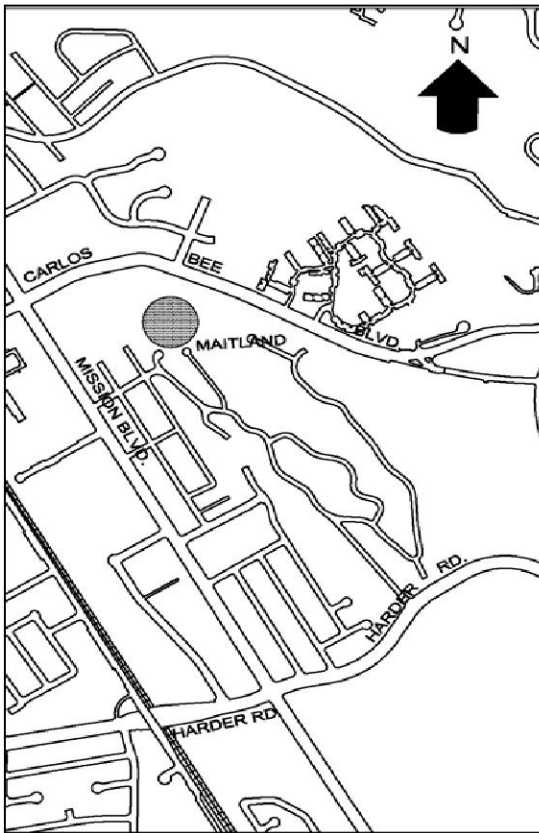
Project No.: 07160

Fund 604 - Water Improvement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	27	503	1,600										2,130
Reimbursements													
Net Cost to Fund	27	503	1,600										2,130



DESCRIPTION:

This project will strengthen the 1.0 MG Maitland Reservoir and appurtenances against damage from earthquakes.

JUSTIFICATION:

This is a Priority B (medium retrofit priority), as identified in the seismic study for utility structures by Dames & Moore.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

This project reduces replacement and reconstruction costs in the event of a major earthquake.

CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Water System

Project Title: Utility Center Renovation/Training Center Addition (Second Floor)

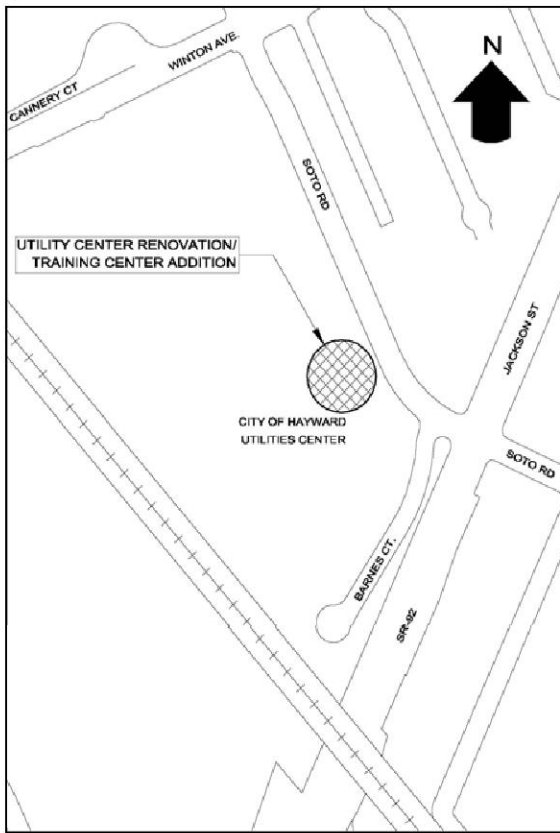
Project No.: 07176

Fund 604 - Water Improvement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	6	298	2,500										2,804
Reimbursements	(1,400)												(1,400)
Net Cost to Fund	(1,394)	298	2,500										1,404



DESCRIPTION:

This project would convert the upstairs portion of the building into a training center; upgrade the existing SCADA computer room; implement miscellaneous improvements to include energy efficient windows, and paint and flooring.

JUSTIFICATION:

The existing lunch room is being used by all City departments to conduct training sessions.

REIMBURSEMENTS:

Fund 612

1,400

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Water System

Project Title: D Street, Treeview, Maitland Reservoir Water Quality Pump Upgrade

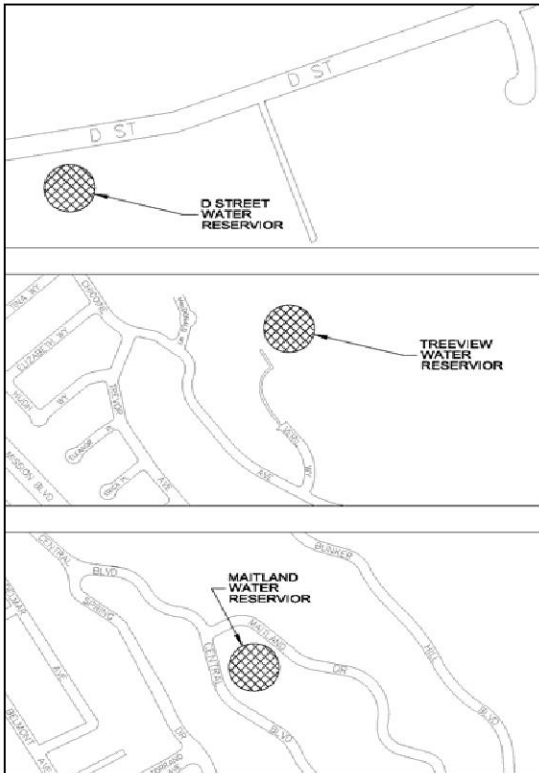
Project No.: 07108

Fund 604 - Water Improvement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	0	100	100	250									450
Reimbursements													
Net Cost to Fund	0	100	100	250									450



DESCRIPTION:

This project will upgrade the electrical services and install new circulation pumps with the capacity to overcome distribution system pressure at the D Street, Treeview, and Maitland water reservoirs.

JUSTIFICATION:

The upgrades will minimize the need to dump reservoirs for water quality control.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Water System

Project Title: Project Predesign Services

Project No.: 07029

Fund 604 - Water Improvement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	N/A	15	15	15	15	15	15	15	15	15	15	15	165
Reimbursements													
Net Cost to Fund	N/A	15	15	15	15	15	15	15	15	15	15	15	165

DESCRIPTION:

City engineering costs associated with water system projects, including preliminary survey, design, and cost estimates.

JUSTIFICATION:

Predesign projects fund work by Engineering and Transportation Division staff involving preliminary design and general administrative work performed on the Capital Improvement Program.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Added \$15,000 each in FY23 & FY24 to permit continuation of this project.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Water System

Project Title: Radio Telemetry and Transducer Replacement and Upgrade

Project No.: 07119

Fund 604 - Water Improvement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	N/A	15	15	15	15	15	15	15	15	15	15	15	165
Reimbursements													
Net Cost to Fund	N/A	15	15	15	15	15	15	15	15	15	15	15	165

DESCRIPTION:

Annual project to update the radio telemetry system with transducer replacements.

JUSTIFICATION:

Radio telemetry system requires annual improvements in order to maintain reliability.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Added \$15,000 each in FY23 & FY24 to permit continuation of this project.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Water System

Project Title: System Seismic Upgrades

Project No.: 07136

Fund 604 - Water Improvement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	0	0	400										400
Reimbursements													
Net Cost to Fund	0	0	400										400

DESCRIPTION:

Project to provide miscellaneous improvements to the existing water system to harden the facilities against earthquakes will be done over several years.

JUSTIFICATION:

Improvements recommended in the Water System Seismic Performance Review Report, October 2002.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

This project reduces replacement and reconstruction costs in the event of a major earthquake.



CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Water System

Project Title: Seismic Retrofit Highland 250 Reservoirs

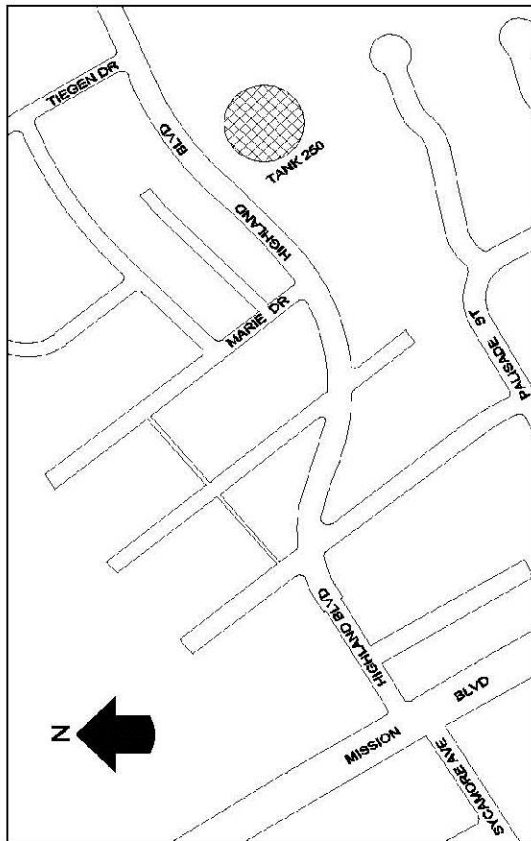
Project No.: 07173

Fund 604 - Water Improvement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	29	0	997										1,026
Reimbursements													
Net Cost to Fund	29	0	997										1,026



DESCRIPTION:

This project will strengthen the two 0.5 MG Highland 250 reservoirs against damage from earthquakes and to improve the reliability of the facilities and the probability that the reservoirs can be returned to service quickly after a major seismic event.

JUSTIFICATION:

Recommended in Dames & Moore Seismic Report.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Water System

Project Title: Solar Power at Various Water Facilities

Project No.: 07105

Fund 604 - Water Improvement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	0	0	500	2,500									3,000
Reimbursements													
Net Cost to Fund	0	0	500	2,500									3,000

DESCRIPTION:

This project will allow for the design and installation of solar panels at various water facilities that are currently 100 percent reliant on PG&E to meet their energy needs. Potential sites include Walpert, the 500, 750, 100 and 1285 reservoir/pump station sites, and the Hesperian pump station.

JUSTIFICATION:

The installation of solar panels would enable the City to meet some of its water system energy needs through a renewable source.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Water System

Project Title: New 3 MG Reservoir at High School Reservoir Site

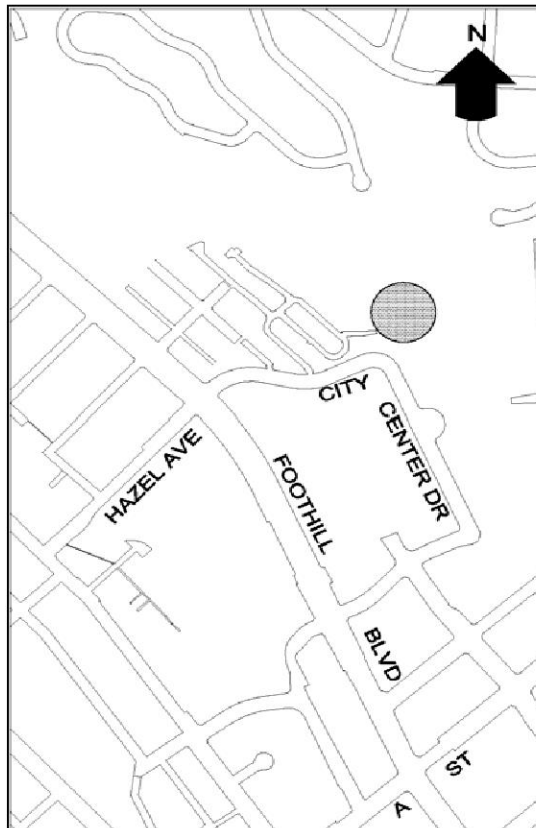
Project No.: 07172

Fund 604 - Water Improvement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	103	0	0	0	0	0	0	0	0	0	6,900		7,003
Reimbursements													
Net Cost to Fund	103	0	0	0	0	0	0	0	0	0	6,900		7,003



DESCRIPTION:

Project to construct new 3 MG reservoir at the High School Reservoir site, which will replace the existing 1.0 MG reservoir and create the storage capacity needed to meet emergency water demands in the 250 Zone.

JUSTIFICATION:

Project recommended in the Water System Master Plan Update, December 2002.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Water System

Project Title: Groundwater Management Plan Modeling and Implementation

Project No.: To Be Determined

Fund 604 - Water Improvement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	0	0	0	0	0	3,000							3,000
Reimbursements													
Net Cost to Fund	0	0	0	0	0	3,000							3,000

DESCRIPTION:

This project is a continuation of the City's efforts to study groundwater conditions in the Hayward area in order to evaluate the availability of water to pump for various uses, such as irrigation and industrial uses, and the impact that such pumping will have on the aquifer and the environment.

JUSTIFICATION:

The project will assist the City in its ongoing efforts to manage natural resources in the most effective way.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Water System

Project Title: New 2 MG Reservoir at Hesperian Site

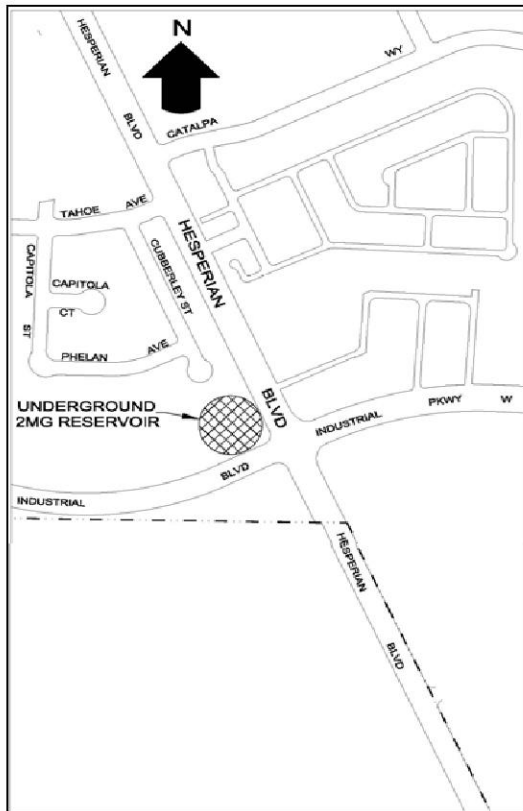
Project No.: To Be Determined

Fund 604 - Water Improvement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	0	0	0	0	0	0	0	5,800					5,800
Reimbursements													
Net Cost to Fund	0	0	0	0	0	0	0	5,800					5,800



DESCRIPTION:

This project would provide storage west of Mission Boulevard, utilizing the five-acre site purchased by the Water Utility in 2009. The reservoir would be sited below ground in order to use the property for equipment storage and other purposes.

JUSTIFICATION:

All of the City's current capacity is located east of Mission Boulevard. In addition, project is recommended in the Water System Reservoir Study.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CITY OF
HAYWARD
HEART OF THE BAY

CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Water System

Project Title: New 1.2MG Reservoir in 1530' Zone

Project No.: New

Fund 604 - Water Improvement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	0	200	1,690										1,890
Reimbursements			(413)	(413)	(413)	(413)	(413)						(2,065)
Net Cost to Fund	0	200	1,277	(413)	(413)	(413)	(413)						(175)

DESCRIPTION:

A new 1.2 MG water storage reservoir will be designed and constructed in the 1530 elevation zone, adjacent to the existing 2.85 MG reservoir.

JUSTIFICATION:

This project is a condition of approval for development of the Stonebrae project and is needed at this time to improve water quality and increase operational flexibility. An agreement has been reached with Stonebrae LP for reimbursement to the City for costs.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

Developer

2,065

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CITY OF
HAYWARD
HEART OF THE BAY

CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Water System

Project Title: Hesperian Site Additional Paving

Project No.: New

Fund 604 - Water Improvement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	0	0	90										90
Reimbursements													
Net Cost to Fund	0	0	90										90

DESCRIPTION:

This project will widen the existing impound lot to add 25 parking spaces to store RV and other types of vehicles. This project will involve with adding approximately 9,300 SF of AC pavement and relocate the existing security fences.

JUSTIFICATION:

There are not enough of parking spaces for the impounded vehicles which currently overflow into Hesperian Pump Station Site.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Water System

Project Title: Hydra Stop Line Stopping and Valve Kit

Project No.: New

Fund 604 - Water Improvement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	0	0	100										100
Reimbursements													
Net Cost to Fund	0	0	100										100

DESCRIPTION:

Equipment will be ordered that will stop flow in water lines where valves are not available. The equipment also allows for the insertion of a valve into the line without taking the line out of service.

JUSTIFICATION:

Many lines in the City have valves that do not work or are not present. In event of a main break, if isolation cannot be completed, the City is required to wait for the contractor to insert a valve or stop flow. Depending on demand, the contractor may take days or weeks to arrive. This kit allows City crews the ability to stop flow and insert lines immediately.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Water System

Project Title: New 8" Pipeline - BART Access Road near Maintenance Yard

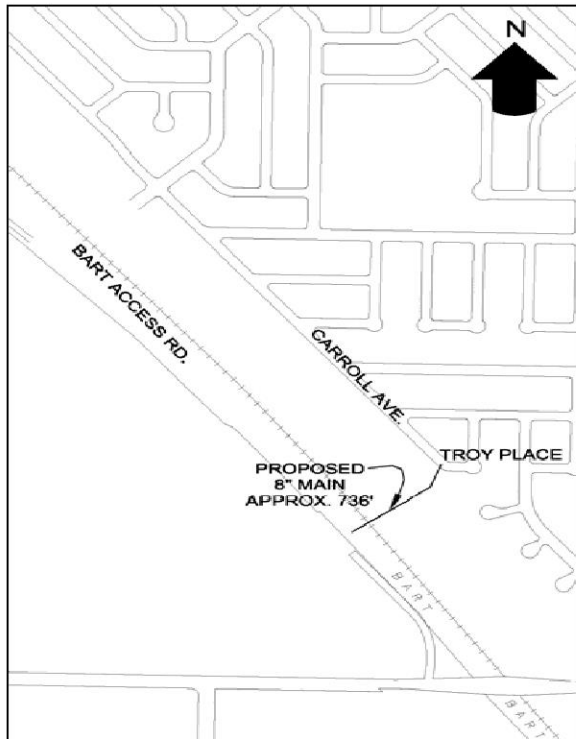
Project No.: New

Fund 604 - Water Improvement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	0	0	300										300
Reimbursements													
Net Cost to Fund	0	0	300										300



DESCRIPTION:

This project will allow for the construction of 736 feet of 8-inch pipeline along the BART Access Road near the BART Maintenance Yard.

JUSTIFICATION:

This project is recommended by the Water Systems Master Plan and is needed for adequate fire flow.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Water System

Project Title: New 1000' Zone Regulating Station (Skyline Drive)

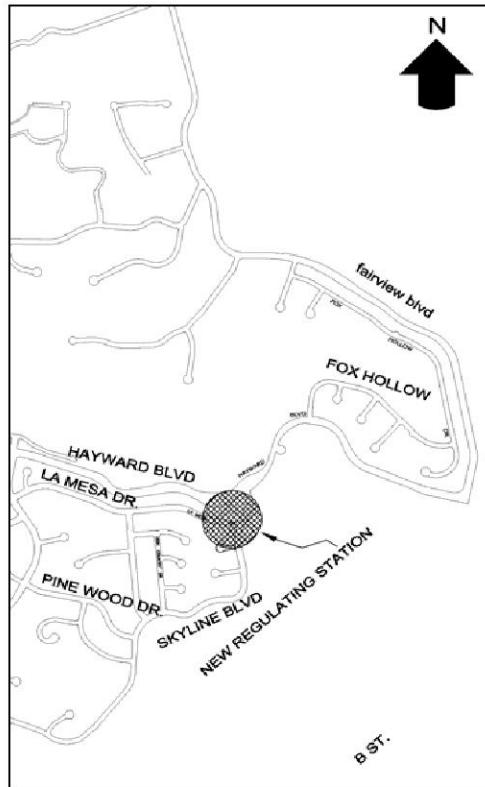
Project No.: New

Fund 604 - Water Improvement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	0	0	475										475
Reimbursements													
Net Cost to Fund	0	0	475										475



DESCRIPTION:

A new regulating station will be constructed to feed Zone 1000' along Skyline Drive from Zone 1285R1.

JUSTIFICATION:

This project is recommended by the Water Systems Master Plan and is needed for adequate fire flow and supply reliability.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Water System

Project Title: New 12" Pipeline - Dunn Road Near RCEC

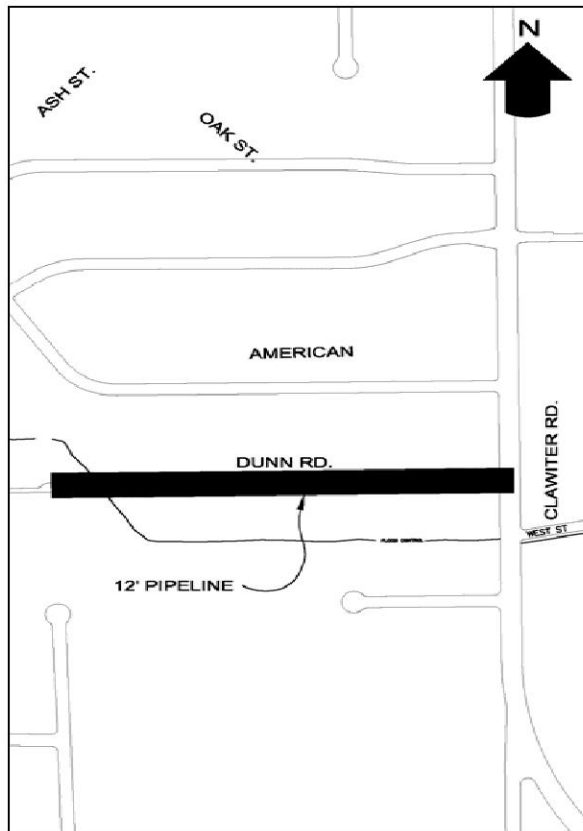
Project No.: New

Fund 604 - Water Improvement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	0	0	580										580
Reimbursements													
Net Cost to Fund	0	0	580										580



DESCRIPTION:

This project will construct 1,325 feet of 12" diameter pipeline along Dunn Road near the Russell City Energy Center.

JUSTIFICATION:

This project is recommended by the Water Systems Master Plan and is needed for adequate fire flow.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CITY OF
HAYWARD
HEART OF THE BAY

CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Water System

Project Title: New 0.75MG Tank, Pumps, and Generator at Garin Reservoir/Pump Station Site

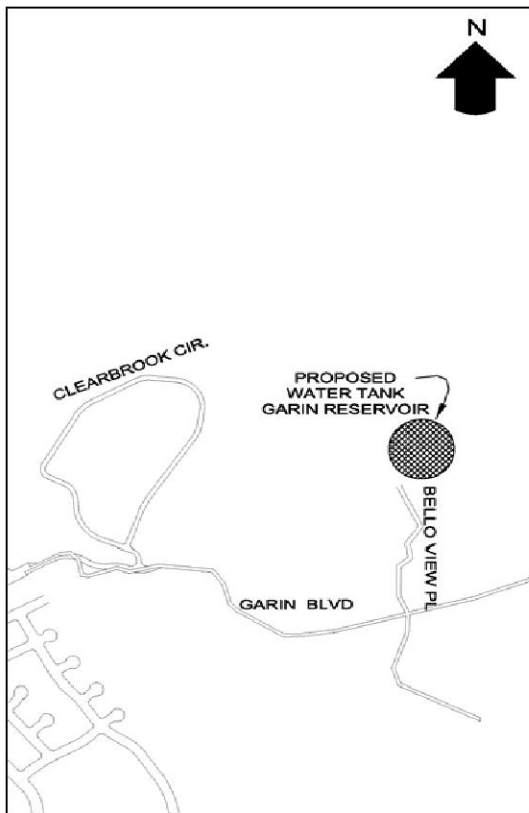
Project No.: New

Fund 604 - Water Improvement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	0	0	1,565										1,565
Reimbursements													
Net Cost to Fund	0	0	1,565										1,565



DESCRIPTION:

This project will construct a new 0.75-MG water tank at the Garin Reservoir Site and install two new pumps and a new generator at the Garin Pump Station.

JUSTIFICATION:

A second water tank at Garin Reservoir Site will be added to accommodate water demands and fire flow for the new developments in Zones 350 and 650. The new pumps will double the capacity of the pump station, which serves the only reservoir that feeds the Garin community. It currently takes over 12 hours to fill the reservoir and this project would decrease that time by 50%.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Water System

Project Title: Overhead Structures at 250' and 500' Pump Stations

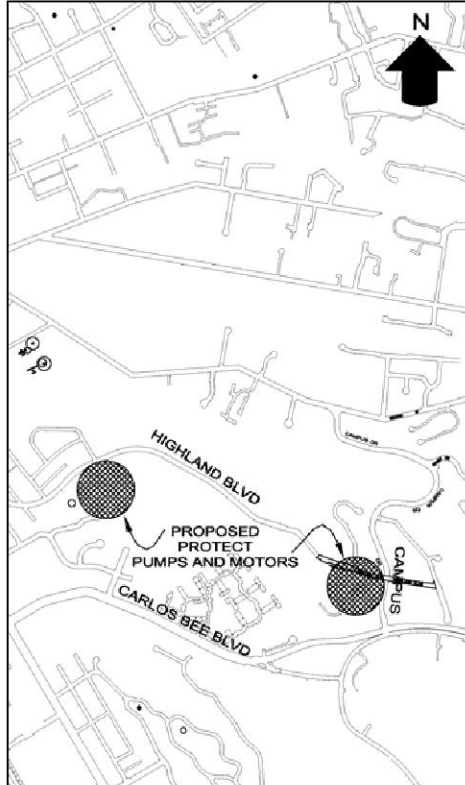
Project No.: New

Fund 604 - Water Improvement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	0	0	160	150									310
Reimbursements													
Net Cost to Fund	0	0	160	150									310



DESCRIPTION:

An overhead structure will be built to protect the 250' and 500' pumps and motor control centers from the elements.

JUSTIFICATION:

Currently, there is no overhead protection for the electric pump motors and motor control centers for these stations. This project would not only protect the equipment, but also staff who work on the equipment.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Water System

Project Title: New 12" Pipeline - Navan/Benmore Drive

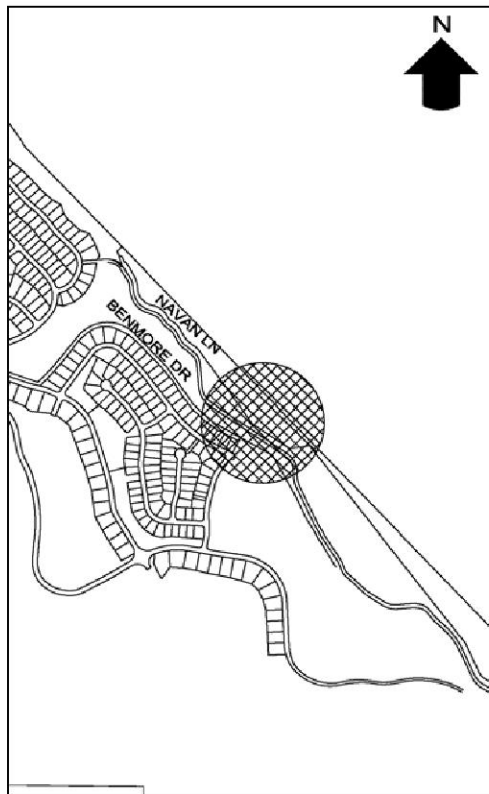
Project No.: New

Fund 604 - Water Improvement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	0	0	0	110									110
Reimbursements													
Net Cost to Fund	0	0	0	110									110



DESCRIPTION:

This project will construct 250 feet of 12-inch diameter pipeline to connect the 18-inch diameter pipeline along Navan to the 8-inch diameter pipeline along Benmore Drive.

JUSTIFICATION:

This project is recommended by the Water Systems Master Plan and is needed for adequate fire flow.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Water System

Project Title: Rehabilitation of Pressure Regulation Station in 250' Zone

Project No.: New

Fund 604 - Water Improvement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	0	0	0	500									500
Reimbursements													
Net Cost to Fund	0	0	0	500									500

DESCRIPTION:

Existing valves, flow meters and SCADA monitoring devices for all PR Stations (total of ten) will be replaced at Zone 250.

JUSTIFICATION:

the existing pressure regulation devices are outdated and not functioning.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



SEWER REPLACEMENT - FUND 611 (FUNDS 614 AND 616)

Page 1

PROJ. NO.	PROJECT DESCRIPTION	PROJ. TOTAL	PRIOR YEARS	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24
07540	Wastewater Discharge Local Limits Study	100	63	37										
07541	Install Stormwater Trash Capture Device	250	158	92										
	<i>Cal Beverage Container Recycling & Litter Reduction Funds</i>	<i>113</i>	<i>113</i>											
	<i>SF Estuary Project Grant</i>	<i>137</i>	<i>74</i>	<i>63</i>										
07543	Annual Line Replacements FY13	800	298	502										
07546	Valle Vista Sewer Force Main Reliability Alternatives Study	200	9	191										
07547	Sewer Replacement at Linden Street, Madrone Street, and Beech Street Easement Areas	300	172	128										
07549	Centex Sewer Lift Station Upgrade	600	45	555										
07551	Sewer Spot Repairs at Various Easement Areas	600	2	598										
07552	Valle Vista Sewer Force Main Inspection, Cleaning and Repair	400	13	387										
07553	Memorial Park Easement Sewer Main Inspection, Cleaning and Repair	600	1	599										
07562	Annual Line Replacements FY14	600	0	600										
07601	SCADA Computer Node and Server Upgrade	60	0	60										
07602	Degritter Rehabilitation	350	0	350										
07603	Northwest Primary Clarifier Rehabilitation	230	0	230										
07604	South Vacuator Coating and Rehabilitation	425	0	425										
07610	12kV Plant MCC and Underground Wiring Insp/Repair	25	0	25										
07612	Digester #1 Cleaning	150	0	150										
07643	Digester Feed Valve Automation	75	0	75										
07647	Plant Exterior Buildings Painting	200	0	200										
07651	Co-Generation System - Alternative & Implementation	470	466	4										
07654	Levee Road and Effluent Channel Repair	500	184	316										
07660	Headworks Wetwell Concrete Evaluation, Repair & Interior Coating	250	3	247										
07661	Hypochlorite Station Electrical Rehabilitation	70	27	43										
07663	Headworks Ventilation Modifications	150	2	148										
07665	Solids Contact Tank Grounds Improvement	70	32	38										
07664	UST Cleanup and Closure at Maintenance Building	255	84	136	35									
07516	EBDA Outfall Replacement Payment	1,430	N/A	100	100	120	120	120	120	150	150	150	150	150
07524	Project Pre-design Services	165	N/A	15	15	15	15	15	15	15	15	15	15	15
07529	Miscellaneous Plant Replacements	3,550	N/A	300	300	300	300	300	300	350	350	350	350	350
07575	Miscellaneous Lift Station Equipment Replacement	1,350	N/A	100	100	100	100	100	100	150	150	150	150	150
07594	Collection Systems SCADA & Transducer Replacement	165	N/A	15	15	15	15	15	15	15	15	15	15	15
07596	WPCF SCADA System Misc. Replacements	165	N/A	15	15	15	15	15	15	15	15	15	15	15
07531	Asset Management Plan	100	1	0	99									
07611	Equalization Pond Diversion Valve Replacement	100	0	0	100									
07642	Headworks Hydraulic Valve Actuator and Shaft Replacement	150	0	0	150									
07648	Seismic Retrofit Miscellaneous Plant Buildings	375	5	0	370									
07544	Stormwater Trash Capture Device - Phase II	150	0	0	0	0	150							
	<i>Cal Beverage Container Recy & Litter Reduction Funds/other</i>						<i>150</i>							

SEWER REPLACEMENT - FUND 611 (FUNDS 614 AND 616)

Page 2

PROJ. NO.	PROJECT DESCRIPTION	PROJ. TOTAL	PRIOR YEARS	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24
07656	Main 480V MCC Electrical Distribution Repairs	1,225	0	0	0	0	0	0	0	50	1,175			
TBD	Digester #2 Cleaning	150	0	0	150									
TBD	Annual Line Replacements FY15	200	0	0	200									
TBD	Sewer Collection System Master Plan Recommendations	2,000	0	0	500	500	500	500						
TBD	Annual Line Replacements FY16 - FY24	10,200	0	0	0	1,000	1,000	1,000	1,200	1,200	1,200	1,200	1,200	1,200
TBD	WPCF Access Roads Rehabilitation	500	0	0	0	0	500							
TBD	Valle Vista Submersible Pump Repl and Wet Well Rehabilitation	800	0	0	0	0	800							
TBD	Collection Systems SCADA System Evaluation and Upgrade	300	0	0	0	0	0	300						
TBD	Digester #2 Cleaning and Dome Rehabilitation	500	0	0	0	0	0	500						
TBD	Digester #1 Cleaning and Dome Rehabilitation	500	0	0	0	0	0	0	500					
TBD	Gravity Belt Thickener Rebuilding	500	0	0	0	0	0	0	500					
TBD	Tennyson Lift Station Submersible Pump Repl and Wet Well Rehab	350	0	0	0	0	0	0	0	350				
TBD	WPCF SCADA System Evaluation and Upgrade	500	0	0	0	0	0	0	0	500				
NEW	Linden and Halifax Lift Station Backup Generator Replacement	350	0	0	350									
NEW	Sanitary Sewer System Repair at Various Locations	800	0	0	70	730								
NEW	West Trickling Filter and Biofilter Project	19,500	0	0	2,200	17,300								
NEW	Plant Structural Repairs and Canopy Covers	675	0	0	0	225	225	225						
NEW	Site Waste Pump Station and Control Building Improvements	370	0	0	0	0	370							
NEW	Headworks Renewal and Replacement Project	1,100	0	0	0	0	1,100							
NEW	Heating and Mixing Building Improvements	540	0	0	0	0	0	270	270					
	UNSCHEDULED													
NEW	Secondary Flow Equalization Improvements	1,100												
07560	Storage Pond Evaluation and Rehabilitation	4,500												

SEWER REPLACEMENT - FUND 611 (FUNDS 614 AND 616)

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PROJ. NO.	PROJECT DESCRIPTION	PROJ. TOTAL	PRIOR YEARS	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24
	TOTAL PROJECT COSTS			6,681	4,769	20,320	5,210	3,360	3,035	2,795	3,070	1,895	1,895	1,895
	Retirement of Debt Service - 2007 Sewer System debt refunding through FY16	7,915	6,805	370	370	370								
	Transfer to Fund 612 for 50% of City Cost of Co-Generation (50% of \$11.47 less \$2.7 million PG&E grant; assumes fuel cells) (Project 07508 in Fund 612)		3,075	1,310										
	Retirement of Debt Service - SRF Loan for West Trickling Filter Replacement and Biofilter Project (\$8 million @ 2.5% for 20 years through 2039) (Project NEW)			0	0	0	0	0	385	385	385	385	385	385
	Transfer to Fund 612 for 25% of New Final Clarifier Cost			0	0	0	0	0	0					
	Transfer to Fund 737 for purchase of sewer main CCTV truck				400									
	TOTAL EXPENDITURES			8,361	5,539	20,690	5,210	3,360	3,420	3,180	3,455	2,280	2,280	2,280
	REVENUES:													
	Interest			116	298	170	44	28	29	47	51	69	104	141
	Transfer from Fund 230 (Cal Beverage Container Recycling & Litter Reduction Grant) (Projects 07541 and 07544)		113				150							
	SF Estuary Project Grant (Project 07541)		74	63										
	Proceeds from SRF Loan for West Trickling Filter Replacement and Biofilter Project (Project NEW)		74			6,000								
	REVENUE SUBTOTAL:			179	298	6,170	194	28	29	47	51	69	104	141
	TRANSFERS IN FROM:													
	Fund 610			3,000	3,400	3,400	3,400	3,400	3,400	3,400	3,400	3,400	3,400	3,400
	TRANSFERS SUBTOTAL:			3,000	3,400	3,400	3,400	3,400	3,400	3,400	3,400	3,400	3,400	3,400
	REVENUE TOTALS:			3,179	3,698	9,570	3,594	3,428	3,429	3,447	3,451	3,469	3,504	3,541
	BEGINNING FUND BALANCE:			21,150	15,968	14,127	3,007	1,391	1,459	1,468	1,735	1,731	2,920	4,144
	ENDING FUND BALANCE:			15,968	14,127	3,007	1,391	1,459	1,468	1,735	1,731	2,920	4,144	5,405

CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Sewer System

Project Title: UST Cleanup and Closure at Maintenance Building

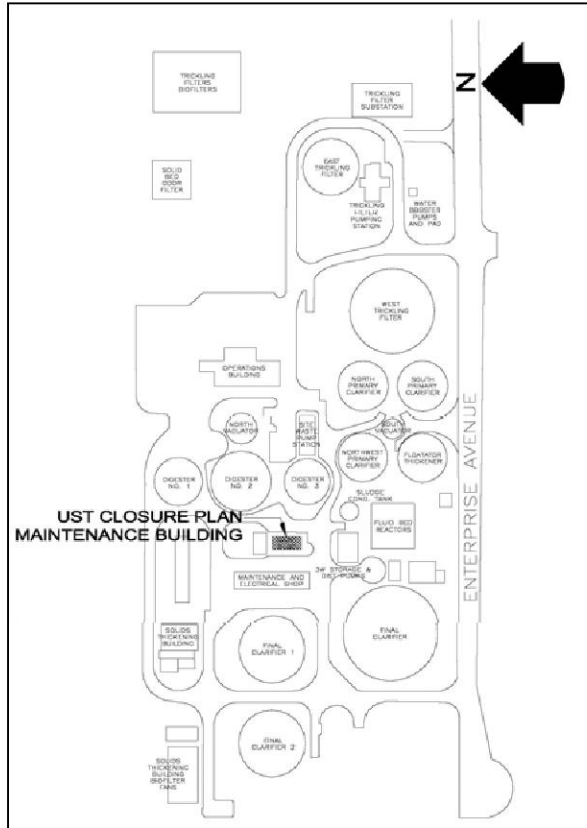
Project No.: 07664

Fund 611 - Sewer Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	84	136	35										255
Reimbursements													
Net Cost to Fund	84	136	35										255



DESCRIPTION:

This project would require consultant assistance to install 5 monitoring wells, prepare a remediation plan, construct and operate a remediation system, monitor the groundwater following cleanup, and close the site.

JUSTIFICATION:

An underground fuel storage tank, previously used for dispensing fuel at the WPCF and since removed, is responsible for high concentrations of petroleum hydrocarbons in soil and groundwater samples.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Sewer System

Project Title: EBDA Outfall Replacement Payment

Project No.: 07516

Fund 611 - Sewer Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	N/A	100	100	120	120	120	120	150	150	150	150	150	1,430
Reimbursements													
Net Cost to Fund	N/A	100	100	120	120	120	120	150	150	150	150	150	1,430

DESCRIPTION:

Annual assessment by East Bay Dischargers Authority for Hayward's share of outfall replacement fund.

JUSTIFICATION:

This project is to support EBDA's replacement funds for the joint facilities acquired under the Joint Powers Authority.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Added \$150,000 each in FY23 & FY24 to continue to pay Hayward's share of the outfall replacement fund.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Sewer System

Project Title: Project Predesign Services

Project No.: 07524

Fund 611 - Sewer Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	N/A	15	15	15	15	15	15	15	15	15	15	15	165
Reimbursements													
Net Cost to Fund	N/A	15	15	15	15	15	15	15	15	15	15	15	165

DESCRIPTION:

City engineering costs associated with predesign of sewer system projects, including preliminary survey, design, and cost estimates.

JUSTIFICATION:

Predesign projects fund work by Engineering & Transportation staff involving preliminary design and general administrative work performed on the Capital Improvement Program.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Funding of \$15,000 was added each in FY23 & FY24 to continue the project.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Sewer System

Project Title: Miscellaneous Plant Replacements

Project No.: 07529

Fund 611 - Sewer Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	N/A	300	300	300	300	300	300	350	350	350	350	350	3,550
Reimbursements													
Net Cost to Fund	N/A	300	300	300	300	300	300	350	350	350	350	350	3,550

DESCRIPTION:

Annual project to replace facilities at the Water Pollution Control Facility that are no longer serviceable.

JUSTIFICATION:

This project will ensure proper maintenance of plant facilities.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Added \$350,000 each in FY23 & FY24 to continue this program.

OPERATING BUDGET IMPACTS:

This project reduces maintenance and operations costs.



CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Sewer System

Project Title: Miscellaneous Lift Station Equipment Replacement

Project No.: 07575

Fund 611 - Sewer Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	N/A	100	100	100	100	100	100	150	150	150	150	150	1,350
Reimbursements													
Net Cost to Fund	N/A	100	100	100	100	100	100	150	150	150	150	150	1,350

DESCRIPTION:

This is an annual project to replace mechanical hardware and electrical components at eight sewage lift stations after they are no longer economically repairable.

JUSTIFICATION:

This project will ensure proper maintenance of station facilities.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Added \$150,000 each in FY23 & FY24 to continue this program.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Sewer System

Project Title: Collection Systems SCADA & Transducer Replacement

Project No.: 07594

Fund 611 - Sewer Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	N/A	15	15	15	15	15	15	15	15	15	15	15	165
Reimbursements													
Net Cost to Fund	N/A	15	15	15	15	15	15	15	15	15	15	15	165

DESCRIPTION:

Annual project to update the radio telemetry system with transducer replacements.

JUSTIFICATION:

The new radio telemetry system requires annual improvements in order to maintain reliability.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Funding of \$15,000 was added each in FY23 & FY24 to continue the project.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Sewer System

Project Title: WPCF SCADA System Miscellaneous Replacements

Project No.: 07596

Fund 611 - Sewer Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	N/A	15	15	15	15	15	15	15	15	15	15	15	165
Reimbursements													
Net Cost to Fund	N/A	15	15	15	15	15	15	15	15	15	15	15	165

DESCRIPTION:

Annual project to upgrade telemetry system.

JUSTIFICATION:

Telemetry system requires annual improvements to maintain reliability.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Added \$15,000 each in FY23 & FY24 to continue this program.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Sewer System

Project Title: Asset Management Plan

Project No.: 07531

Fund 611 - Sewer Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	1	0	99										100
Reimbursements													
Net Cost to Fund	1	0	99										100

DESCRIPTION:

An updated plan will serve to evaluate all major sewer facilities and pipelines as well as provide a schedule of cost estimates for the replacement/rehabilitation of such facilities and pipelines.

JUSTIFICATION:

This project will ensure proper maintenance of utilities, facilities, and pipelines.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Sewer System

Project Title: Equalization Pond Diversion Valve Replacement

Project No.: 07611

Fund 611 - Sewer Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	0	0	100										100
Reimbursements													
Net Cost to Fund	0	0	100										100

DESCRIPTION:

This project will replace the existing diversion valve with a new valve which is appropriate for the existing effluent flow control.

JUSTIFICATION:

The existing diversion valve, which was installed in 1982 as part of a treatment plant upgrade project, has limitations on its functionality.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Sewer System

Project Title: Headworks Hydraulic Valve Actuator and Shaft Replacement

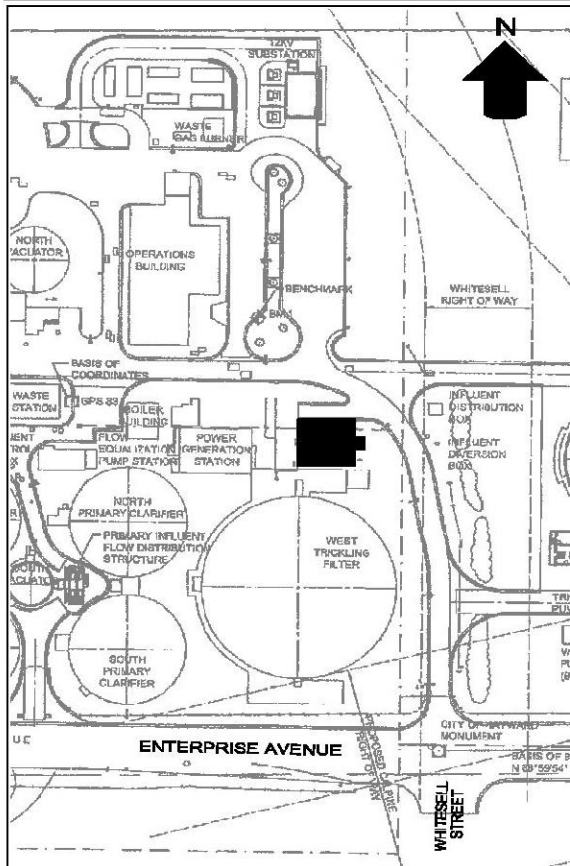
Project No.: 07642

Fund 611 - Sewer Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	0	0	150										150
Reimbursements													
Net Cost to Fund	0	0	150										150



DESCRIPTION:

The existing valve actuators and gate shafts need to be replaced by the manufacturer using recommended parts.

JUSTIFICATION:

The two headworks wetwell gate actuators and shafts have corroded in the headworks wetside area.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Sewer System

Project Title: Seismic Retrofit Miscellaneous Plant Buildings

Project No.: 07648

Fund 611 - Sewer Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	5	0	370										375
Reimbursements													
Net Cost to Fund	5	0	370										375

DESCRIPTION:

Project to perform structural and piping modifications to fortify miscellaneous plant buildings against earthquakes.

JUSTIFICATION:

Recommended in Dames and Moore Seismic Report.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

This project reduces replacement and reconstruction costs in the event of a major earthquake.



CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Sewer System

Project Title: Stormwater Trash Capture Device - Phase II

Project No.: 07544

Fund 611 - Sewer Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	0	0	0	0	150								150
Reimbursements					(150)								(150)
Net Cost to Fund	0	0	0	0	0								0

DESCRIPTION:

A previous project allowed for the installation of a trash capture at the intersection of Tennyson and Tyrrell that met about 67% of the Water Board requirements. This project will install a second trash capture device to fulfill the remainder of the State mandate for stormwater treatment prior to July 1, 2014.

JUSTIFICATION:

The Regional Water Quality Control Board requires local agencies and cities to install full trash capture devices to treat stormwater runoff from an area equivalent to 30% of retail/wholesale land of 218 acres by 2014.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

Cal Beverage Container Recycling & Litter Reduction Funds

150

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CITY OF
HAYWARD
HEART OF THE BAY

CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Sewer System

Project Title: Main 480V MCC Electrical Distribution Repairs

Project No.: 07656

Fund 611 - Sewer Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	0	0	0	0	0	0	0	50	1,175				1,225
Reimbursements													
Net Cost to Fund	0	0	0	0	0	0	0	50	1,175				1,225

DESCRIPTION:

This project will prepare bid specifications and construct the recommended upgrades to the main switch board (MSB).

JUSTIFICATION:

An engineering evaluation has described and recommended repairs and upgrades to rehabilitate the MSB.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Sewer System

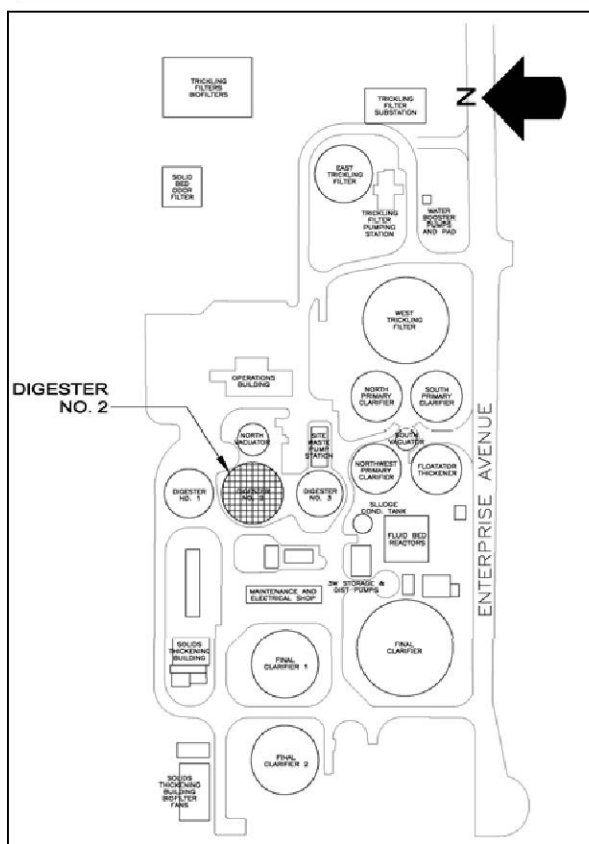
Project Title: Digester #2 Cleaning

Project No.: To Be Determined

Fund 611 - Sewer Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

[illegible]

DESCRIPTION:

The digester will be cleared in order to remove rags, plastic, and snail shells; an inspection will also be performed to evaluate the internal and external coatings.

JUSTIFICATION:

Proper maintenance of this digester will allow it to run at an acceptable operational level.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Sewer System

Project Title: Annual Line Replacements FY15

Project No.: To Be Determined

Fund 611 - Sewer Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	0	0	200										200
Reimbursements													
Net Cost to Fund	0	0	200										200

DESCRIPTION:

Annual program to replace or make spot repairs at locations identified from yearly TV inspection program.

Each year, as funds are appropriated, the current portion of the program will be segregated to more easily track costs.

JUSTIFICATION:

This project helps to maintain the sewer system at an acceptable operational level.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Sewer System

Project Title: Sewer Collection System Master Plan Recommendations

Project No.: To Be Determined

Fund 611 - Sewer Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	0	0	500	500	500	500							2,000
Reimbursements													
Net Cost to Fund	0	0	500	500	500	500							2,000

DESCRIPTION:

It is anticipated that the Sewer Collection System Master Plan, scheduled to be completed in 2012, will identify needed improvement projects in order to ensure the reliability of the City's collection system.

JUSTIFICATION:

This project serves as a place holder to fund implementation of the Plan recommendations that result in improvements to the sewer collection system.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Sewer System

Project Title: Annual Line Replacements - FY16-FY24

Project No.: To Be Determined

Fund 611 - Sewer Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	0	0	0	1,000	1,000	1,000	1,200	1,200	1,200	1,200	1,200	1,200	10,200
Reimbursements													
Net Cost to Fund	0	0	0	1,000	1,000	1,000	1,200	1,200	1,200	1,200	1,200	1,200	10,200

DESCRIPTION:

Annual program to replace or make spot repairs at locations identified from yearly TV inspection program.

Each year as funds are appropriated, the current portion of the program will be segregated to more easily track costs.

JUSTIFICATION:

This project helps to maintain the sewer system at an acceptable operational level.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Added \$1,200,000 each in FY23 & FY24 to continue project.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CITY OF
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CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Sewer System

Project Title: WPCF Access Roads Rehabilitation

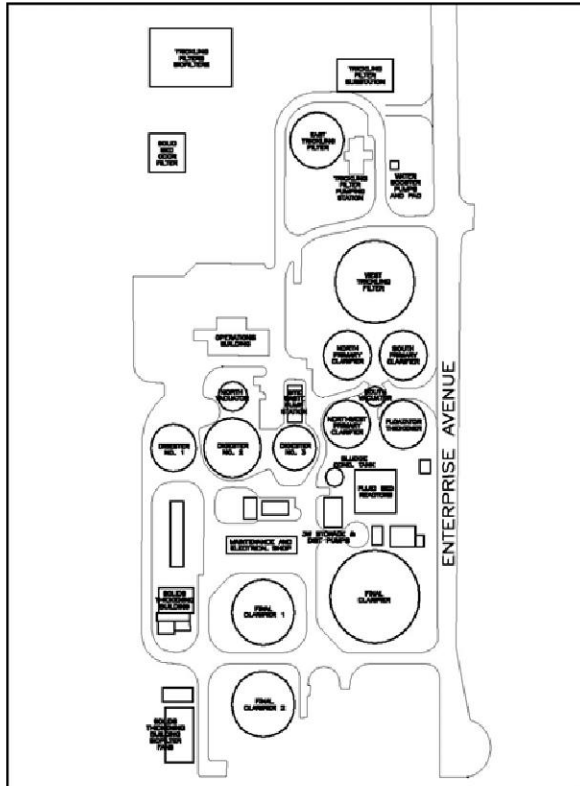
Project No.: To Be Determined

Fund 611 - Sewer Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	0	0	0	0	500								500
Reimbursements													
Net Cost to Fund	0	0	0	0	500								500



DESCRIPTION:

The plant access roads sustain heavy equipment and frequent road traffic and will experience further deterioration due to planned plant projects. This project will rehabilitate approximately 7,475 linear feet of roadway in several locations that access the treatment plant.

JUSTIFICATION:

A road rehabilitation project is required to restore roadway integrity.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Sewer System

Project Title: Valle Vista Submersible Pump Replacement and Wet Well Rehabilitation

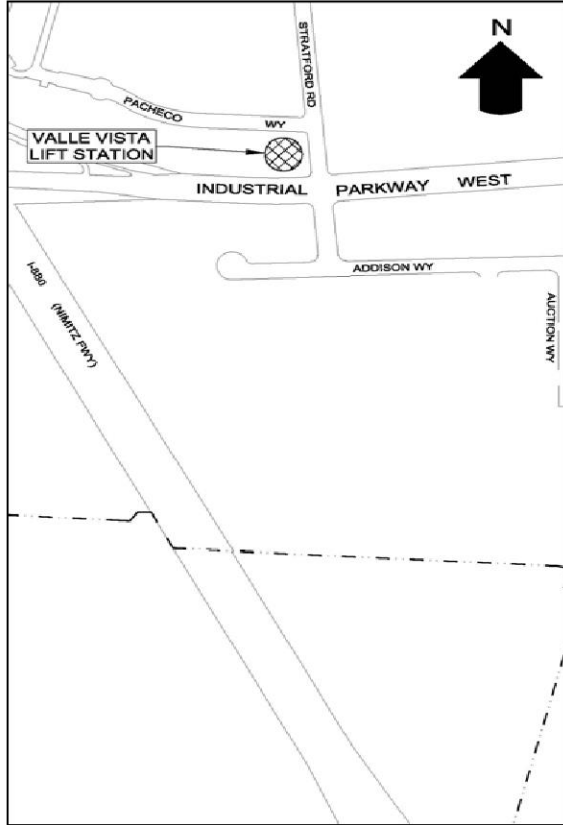
Project No.: To Be Determined

Fund 611 - Sewer Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	0	0	0	0	800								800
Reimbursements													
Net Cost to Fund	0	0	0	0	800								800



DESCRIPTION:

This project will replace a total of 4 submersible pumps (two are 35 horsepower and two are 135 horsepower). In addition, there will be an evaluation of the condition of the wet wall "T-lock" system and repair/replace the system as needed.

JUSTIFICATION:

The existing pumps have reached the end of their useful life.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Equipment

Project Title: Collection Systems SCADA System Evaluation and Upgrade

Project No.: To Be Determined

Fund 611 - Sewer Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	0	0	0	0	0	300							300
Reimbursements													
Net Cost to Fund	0	0	0	0	0	300							300

DESCRIPTION:

This project will fund an evaluation of the SCADA system and implementation of recommended upgrades to the software and hardware.

JUSTIFICATION:

Periodic evaluation of the SCADA system will allow for the purchase of the most current and appropriate software to ensure the proper functioning of the system.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Sewer System

Project Title: Digester #2 Cleaning and Dome Rehabilitation

Project No.: To Be Determined

Fund 611 - Sewer Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	0	0	0	0	0	500							500
Reimbursements													
Net Cost to Fund	0	0	0	0	0	500							500

DESCRIPTION:

The digester will need to be removed from service and then cleaned and inspected in preparation for the protective coating application.

JUSTIFICATION:

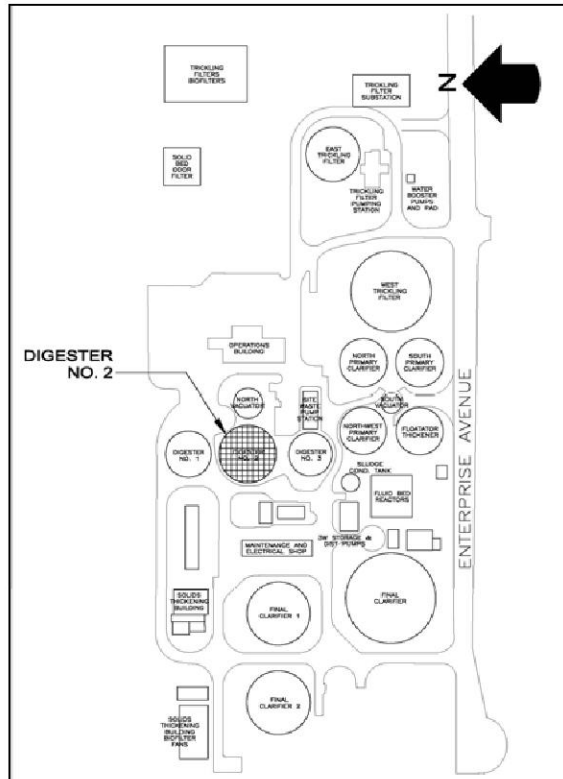
During the course of normal operations, a corrosive atmosphere exists within the digester that deteriorates the concrete and metal superstructure.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Sewer System

Project Title: Digester #1 Cleaning and Dome Rehabilitation

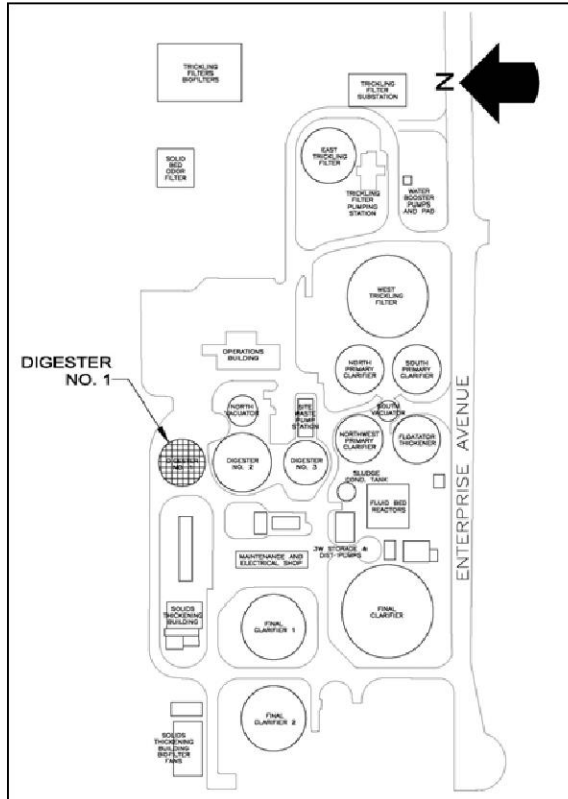
Project No.: To Be Determined

Fund 611 - Sewer Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	0	0	0	0	0	0	500						500
Reimbursements													
Net Cost to Fund	0	0	0	0	0	0	500						500



DESCRIPTION:

The digester will need to be removed from service and then cleaned and inspected in preparation for the protective coating application.

JUSTIFICATION:

During the course of normal operations, a corrosive atmosphere exists within the digester that deteriorates the concrete and metal superstructure.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Sewer System

Project Title: Gravity Belt Thickener Rebuilding

Project No.: To Be Determined

Fund 611 - Sewer Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	0	0	0	0	0	0	500						500
Reimbursements													
Net Cost to Fund	0	0	0	0	0	0	500						500

DESCRIPTION:

The two gravity belt thickeners, which are electric and hydraulically operating mechanical equipment, will be rebuilt to factory tolerances.

JUSTIFICATION:

Both thickeners have been in operation for over 10 years and need to be completely rebuilt.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Sewer System

Project Title: Tennyson Lift Station Submersible Pump Replacement and Wet Well Rehabilitation

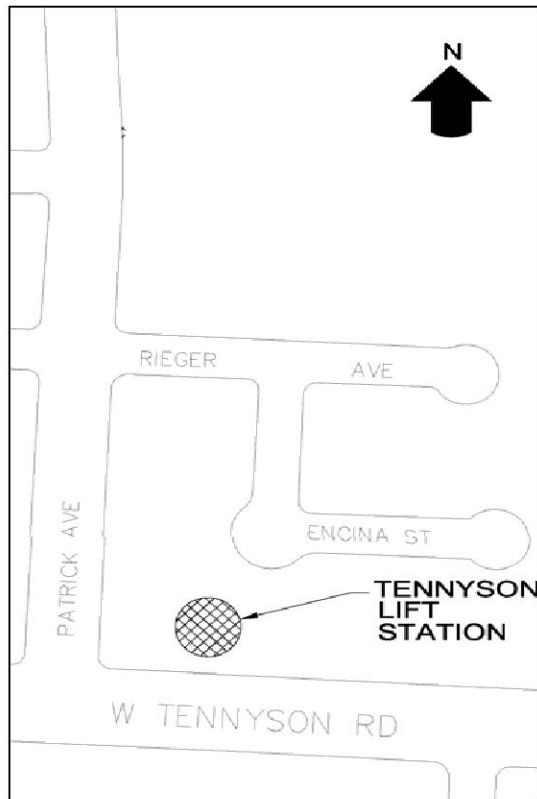
Project No.: To Be Determined

Fund 611 - Sewer Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	0	0	0	0	0	0	0	350					350
Reimbursements													
Net Cost to Fund	0	0	0	0	0	0	0	350					350



DESCRIPTION:

This project will replace three 35 horsepower submersible pumps and also evaluate the condition of the wet well T-lock and repair and replace as needed.

JUSTIFICATION:

The pumps have reached the end of their useful life.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CITY OF
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CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Equipment

Project Title: WPCF SCADA System Evaluation and Upgrade

Project No.: To Be Determined

Fund 611 - Sewer Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	0	0	0	0	0	0	0	500					500
Reimbursements													
Net Cost to Fund	0	0	0	0	0	0	0	500					500

DESCRIPTION:

This project will fund an evaluation of the sewer portion of the SCADA system and implementation of recommended upgrades to the software and hardware.

JUSTIFICATION:

Periodic evaluation of the SCADA system will allow for the purchase of the most current and appropriate software to ensure the proper functioning of the system.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Sewer System

Project Title: Linden and Halifax Lift Station Backup Generator Replacement

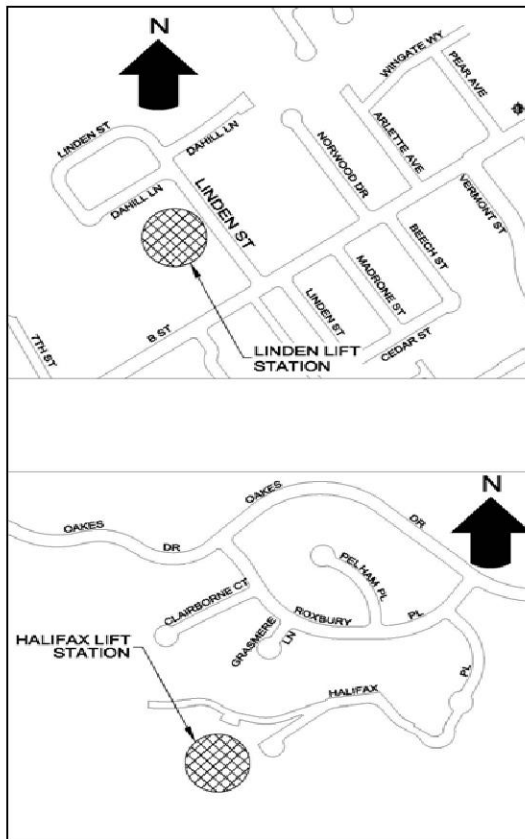
Project No.: New

Fund 611 - Sewer Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	0	0	350										350
Reimbursements													
Net Cost to Fund	0	0	350										350



DESCRIPTION:

This project will replace emergency generators at Halifax and Linden sewer lift stations and well as evaluate the condition of the transfer switch and repair or replace as needed.

JUSTIFICATION:

The existing generators have reached the end of their useful life.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Sewer System

Project Title: Sanitary Sewer System Repair at Various Locations

Project No.: New

Fund 611 - Sewer Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	0	0	70	730									800
Reimbursements													
Net Cost to Fund	0	0	70	730									800

DESCRIPTION:

This project consists of performing sewer repair by replacing approximately 2,500 feet of existing sewer pipe with new PVC pipe. This project will also install new manholes, rehabilitate broken manholes, and reconnect sewer laterals.

JUSTIFICATION:

The existing sewer pipe is damaged and needs to be replaced.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Sewer System

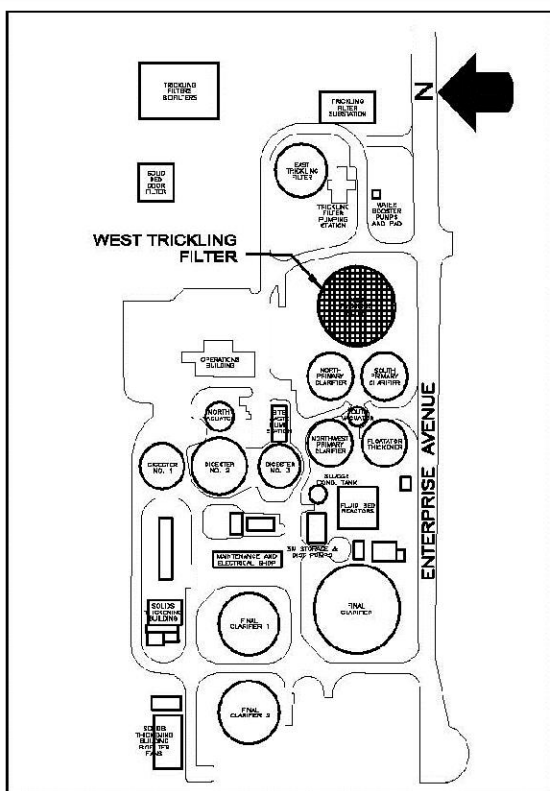
Project Title: West Trickling Filter and Biofilter Project

Project No.: New

Fund 611 - Sewer Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

[illegible]

DESCRIPTION:

This project would replace the existing west tricking filter with a new 150 foot diameter tricking filter as well as construct a new odor control biofilter.

JUSTIFICATION:

The existing West Trickling Filter has reached the end of its useful life and is in need of replacement.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CITY OF
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CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Sewer System

Project Title: Plant Structural Repairs and Canopy Covers

Project No.: New

Fund 611 - Sewer Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	0	0	0	225	225	225							675
Reimbursements													
Net Cost to Fund	0	0	0	225	225	225							675

DESCRIPTION:

This project will allow for miscellaneous plant upgrades, including epoxy injection repair of structural cracking, coatings; and canopy covers over polymer storage tanks and grit handling areas.

JUSTIFICATION:

Upgrades to the existing plant including miscellaneous structural repairs and sunshades are needed to prolong the life of existing structures and equipment.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Sewer System

Project Title: Site Waste Pump Station and Control Building Improvements

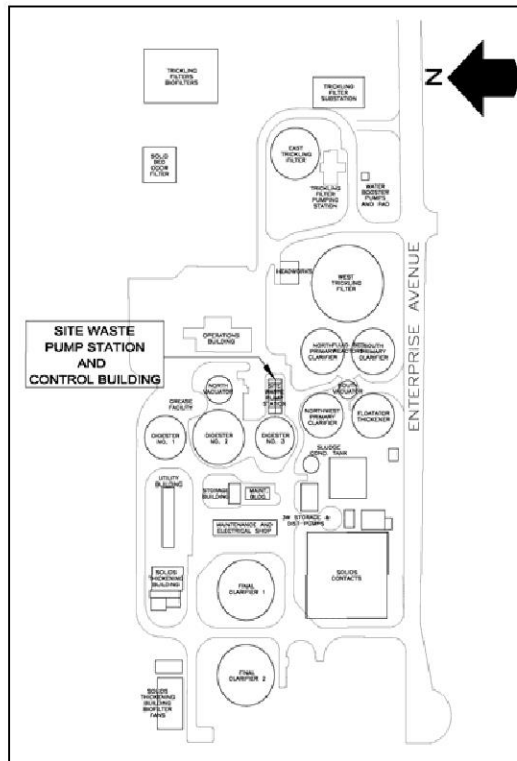
Project No.: New

Fund 611 - Sewer Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	0	0	0	0	370								370
Reimbursements													
Net Cost to Fund	0	0	0	0	370								370



DESCRIPTION:

Upgrades to the existing site waste pump station are needed to replace aged facilities and to improve operations.

JUSTIFICATION:

The existing site waste pump station houses the plant's main control room. The facility was originally constructed in 1952 and is in need of improvement.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Sewer System

Project Title: Headworks Renewal and Replacement Project

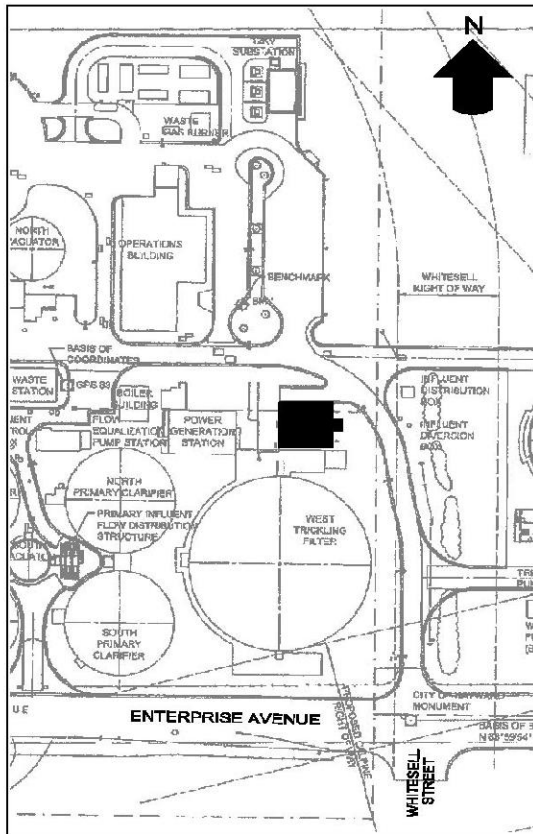
Project No.: New

Fund 611 - Sewer Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	0	0	0	0	1,100								1,100
Reimbursements													
Net Cost to Fund	0	0	0	0	1,100								1,100



DESCRIPTION:

This project allows for the replacement of headworks valve and piping, influent wet well coatings, odor control media replacement, miscellaneous structural repairs, and HVAC system improvements.

JUSTIFICATION:

The headworks was originally constructed in 1996 and has been in service for nearly 20 years. Interior coatings are required to mitigate corrosion of the interior wetwell. In addition, the ventilation system is inadequate and in need of replacement.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CITY OF
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CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Sewer System

Project Title: Heating and Mixing Building Improvements

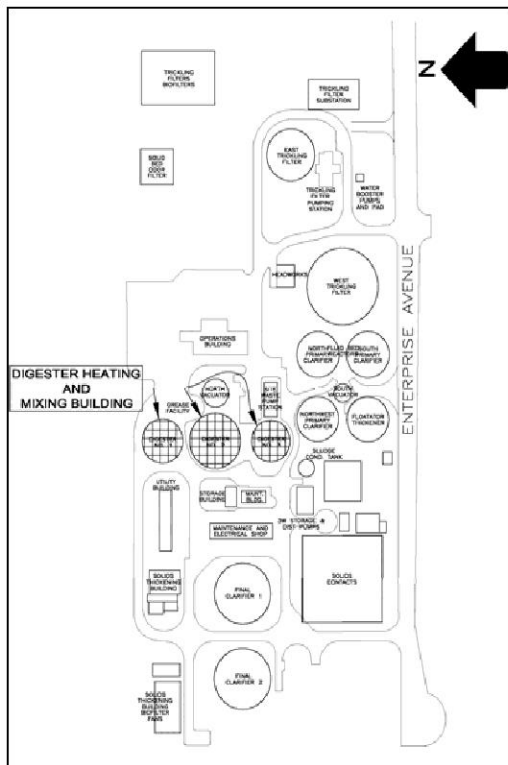
Project No.: New

Fund 611 - Sewer Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	0	0	0	0	0	270	270						540
Reimbursements													
Net Cost to Fund	0	0	0	0	0	270	270						540



DESCRIPTION:

This project will implement safety and reliability improvements at the plant's existing heating and mixing buildings.

JUSTIFICATION:

The existing digester heating and mixing facilities are aged and in need of improvement.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CITY OF
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SEWER IMPROVEMENT - FUND 612 (FUND 613)

Page 1

PROJ. NO.	PROJECT DESCRIPTION	PROJ. TOTAL	PRIOR YEARS	EST FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24
07505	Solar Power Design and Construction <i>PG&E Grant</i>	6,071 2,833	6,071 1,163	490	480	470	230							
07509	Recycled Water Feasibility Study and Facilities Plan <i>SWRCP Planning Grant</i> <i>USBR Planning Grant</i>	200 71 56	200 71 0	56										
07503	WPCF Master Plan/Facilities Update	300	277	23										
07504	West Winton Landfill Drainage Culvert Repair and Cap Placement Project <i>CalRecycle Grant</i>	530 225	493 225	37										
07508	Co-Generation System <i>PG&E Rebate</i> <i>Fund 610</i> <i>Fund 611</i>	11,470 2,700 3,000 4,385	1,490 0 2,000 3,075	9,980 1,350 1,000 1,310	270	270	270	270	270					
07511	WPCF Grease Receiving and Processing Facility	770	733	37										
07514	GIS Conversion/Migration (Sewer System Share)	150	29	121										
07519	Utilities Laboratory Information Mgmt & Data Entry	40	0	40										
07522	Sewer Collection System Flow Monitoring & Master Plan Update	585	237	348										
07542	Energy Management at WPCF	100	13	87										
07545	Water Pollution Control Facility Shrub Planting	76	49	27										
07561	Operational Evaluation of WPCF Blowers	50	0	50										
07515	Convert Gravity Thickener to New Primary Clarifier	2,430	4	396	2,030									
07507	Recycled Water Treatment and Distribution Facilities <i>SWRCB Construction Grant</i> <i>Title XVI Grant</i> <i>SRF Loan</i>	12,000 3,000 3,000 6,000	237 0 0 0	300	1,063 3,000 3,000	10,400								
07523	Project Predesign Services	165	N/A	15	15	15	15	15	15	15	15	15	15	15
07530	Solar Power Design and Construction Phase II - One MW <i>PG&E Grant</i> <i>Loan from Fund 604</i>	5,300 1,000 3,500	94 0 0	0	5,206 3,500	200	200	200	200	200				
07506	WPCF Administration Building Renovation and Addition	4,500	41	0	1,459	3,000								
07534	Headworks Hydraulic Force Main Improvement	665	0	0	75	590								
NEW	Upgrade Grade 4 Separation Station Pump Stations	160	0	0	160									
NEW	Digester Gas Flare Project	425	0	0	50	375								
NEW	Digester Piping and Gas Metering Optimization	630	0	0	70	560								
NEW	Digester Sludge Mixing Tank	1,465	0	0	165	1,300								
NEW	Sludge Screening	2,370	0	0	270	2,100								
NEW	New Operations Building	7,600	0	0	900	6,700								
NEW	Upgrade Valle Vista Station Discharge	200	0	0	0	200								
NEW	Chlorine Disinfection System Improvements	7,200	0	0	0	800	6,400							
NEW	Replacement and Relocation of EBDA Pump Station <i>EBDA Reimbursement</i>	8,800 8,800	0 0	0	0	1,000	7,800 8,800							
NEW	Mechanical Sludge Dewatering Facility	2,600	0	0	0	0	2,600							
NEW	Aeration Blower	85	0	0	0	0	0	0	85					

SEWER IMPROVEMENT - FUND 612 (FUND 613)

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PROJ. NO.	PROJECT DESCRIPTION	PROJ. TOTAL	PRIOR YEARS	EST FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24
NEW	Primary Effluent Flow Equalization	2,500	0	0	0	0	0	0	0	300	2,200			
NEW	New Standby Power Generator	2,000	0	0	0	0	0	0	0	0	0	0	250	1,750
	UNSCHEDULED:													
	New Final Clarifier	7,900												
	<i>Fund 611</i> (1,975)	(1,975)												
	Digester Low Pressure Gas Holder	2,850												
	TOTAL PROJECT COSTS			11,461	11,463	27,040	16,815	15	100	315	2,215	15	265	1,765
	Retirement of Debt Service for Utilities Center (through 2013)	1,723	1,723											
	Debt Service State Revolving Fund-WPCF Improvements (Phase I) - 50% of total Debt Service for 20 years to 2028	20,305	5,455	1,350	1,350	1,350	1,350	1,350	1,350	1,350	1,350	1,350	1,350	1,350
	Debt Service California Energy Commission Loan for Solar Project (\$2.4 million @ 3% for 11 years to 2022) (Project 7505)	2,776	436	260	260	260	260	260	260	260	260	260		
	Debt Service State Revolving Fund for Enclosure of Effluent Contact Channel (\$3.1 million @ 2.5% for 20 years to 2032) (Project 07641)	0												
	Debt Service State Revolving Fund for Recycled Water Project (\$6 million @ 2.5% for 20 years to 2032) (Project 07505)	3,080	0	0	0	0	385	385	385	385	385	385	385	385
	Debt Service Water Improvement Fund 622 for Additional Solar Project (\$2 million @ 3% for 10 years to 2025) (Project 07530)	2,840	0	0	0	0	355	355	355	355	355	355	355	355
	Debt Service Water Improvement Fund for Phase II WPCF Improvement Projects (15 million @ 2.5% for 20 years to 2038)	6,734		0	0	0	0	962	962	962	962	962	962	962
	TOTAL EXPENDITURES			13,071	13,073	28,650	19,165	3,327	3,412	3,627	5,527	3,327	3,317	4,817

SEWER IMPROVEMENT - FUND 612 (FUND 613)

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PROJ. NO.	PROJECT DESCRIPTION	PROJ. TOTAL	PRIOR YEARS	EST FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24
	REVENUES:													
	Connection Fee			5,000	4,000	4,000	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500
	Interest			127	290	295	212	148	149	217	174	131	120	86
	LAVWMA Buy-In Fee			135	135	135	135	135	135	135	135	135	135	135
	USBR Planning Grant (Project 07509)			56										
	SWRCB Construction Grant for Recycled Water Treatment and Distribution Facilities (assumes 25% of construction cost) (Project 07507)				3,000									
	Title XVI Grant (US Bureau of Reclamation) for Recycled Water Treatment and Distribution Facilities (25% of construction cost) (Project 07507)				3,000									
	Proceeds of SRF Loan for Recycled Water Project (Project 07507)					6,000								
	PG&E Grant for Solar Project (assumes 2 million kWh @ \$0.19/kWh for 5 years) (Project 07505)		578	490	480	470	230							
	PG&E Grant for Solar Project Phase II (assumes 2.3 kWh @ \$0.088/kWh for 5 years) (Project 07530)					200	200	200	200	200				
	Loan from Water System Improvement Fund 604 for Solar Project Phase II (Project 07530)				3,500									
	PG&E Rebate for Co-Generation Project (assumes 1134kW for \$2.7M rebate) (Project 07508)			1,350	270	270	270	270	270					
	EBDA Reimbursement for Replacement and Relocation of EBDA Pump Station (Project NEW)						8,800							
	Proceeds of New SRF Loan for Phase II WPCF Improvement Projects (Project NEW)					15,000								
	REVENUE SUBTOTAL:			7,158	14,675	26,370	12,347	3,253	3,254	3,052	2,809	2,766	2,755	2,721
	TRANSFERS IN FROM:													
	Fund 730 for CAD/RMS Replacement Loan (\$2.25 million)		1,258	398	390	382								
	WPCF Repl Fund 611 for 50% of City Cost of Co-Generation (\$12.5 million less \$5 million grant; assumes fuel cells)		3,075	1,310										
	Water Improvement Fund 604 for 50% of Recycled Water Debt Service (Project 07507)				185	185	185	185	185	185	185	185	185	185
	WPCF Replacement Fund 611 for 25% of New Final Clarifier Sewer Operating Fund 610 for City Cost of Co-Generation (Project 7508)		2,000	1,000										
	TRANSFERS SUBTOTAL:			2,708	575	567	185	185	185	185	185	185	185	185
	REVENUE TOTALS:			9,866	15,250	26,937	12,532	3,438	3,439	3,237	2,994	2,951	2,940	2,906
	BEGINNING FUND BALANCE:			16,775	13,570	15,747	14,034	7,401	7,512	7,539	7,149	4,616	4,240	3,863
	ENDING FUND BALANCE:			13,570	15,747	14,034	7,401	7,512	7,539	7,149	4,616	4,240	3,863	1,952

CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Sewer System

Project Title: Convert Gravity Thickener to New Primary Clarifier

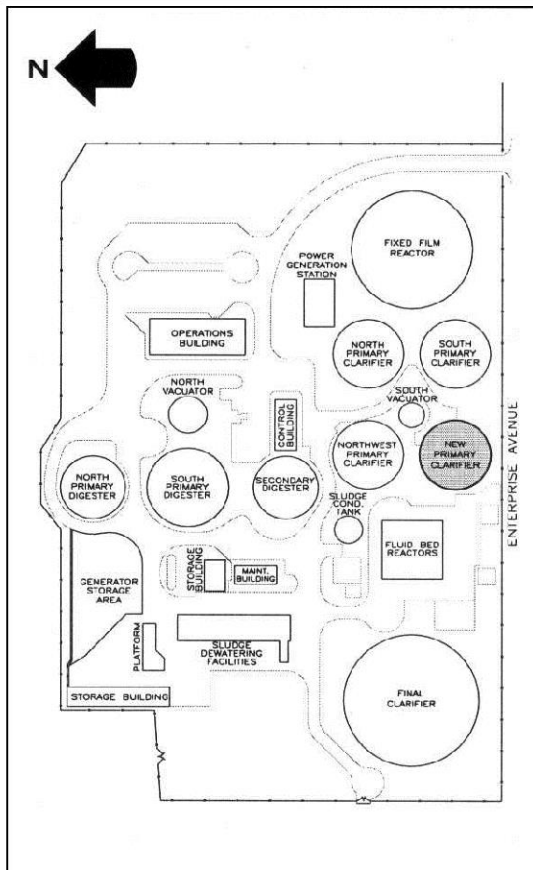
Project No.: 07515

Fund 612 - Sewer Improvement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	4	396	2,030										2,430
Reimbursements													
Net Cost to Fund	4	396	2,030										2,430



DESCRIPTION:

The existing gravity thickener would be converted into the fourth primary clarifier.

JUSTIFICATION:

Existing primary clarification surface area is inadequate for future peak wet weather flows. Without a new, fourth primary clarifier, the surface overflow rate at peak flow would cause the clarifiers to wash out.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Sewer System

Project Title: Recycled Water Treatment and Distribution Facilities

Project No.: 07507

Fund 612 - Sewer Improvement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	237	300	1,063	10,400									12,000
Reimbursements			(6,000)	(6,000)									(12,000)
Net Cost to Fund	237	300	(4,937)	4,400									0

DESCRIPTION:

The City is preparing a Recycled Water Facilities Plan. Based on the results of this planning effort, funding is programmed for the City's cost share of a 4.5 million gallon per day (mgd) tertiary treatment facility, along with the full cost of a distribution system to deliver recycled water to customers within the proposed service area.

JUSTIFICATION:

The project would serve the Calpine Russell City Energy Center plus non-residential customers located within a two-mile radius of the facility.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

SWRCB Construction Grant

3,000

Title XVI Grant

3,000

SRF Loan

6,000

PROJECT MODIFICATIONS:

Added \$2,100,000 to project to reflect current cost estimates.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CITY OF
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CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Sewer System

Project Title: Project Predesign Services

Project No.: 07523

Fund 612 - Sewer Improvement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	N/A	15	15	15	15	15	15	15	15	15	15	15	165
Reimbursements													
Net Cost to Fund	N/A	15	15	15	15	15	15	15	15	15	15	15	165

DESCRIPTION:

City engineering costs associated with predesign of sewer system projects, including preliminary survey, design, and cost estimates.

JUSTIFICATION:

Predesign projects fund work by Engineering & Transportation staff involving preliminary design and general administrative work performed on the Capital Improvement Program.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Continued project by adding funding of \$15,000 each in FY23 & FY24.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Sewer System

Project Title: Solar Power Design and Construction Phase II - 1 MW

Project No.: 07530

Fund 612 - Sewer Improvement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	94	0	5,206										5,300
Reimbursements			(3,500)	(200)	(200)	(200)	(200)	(200)					(4,500)
Net Cost to Fund	94	0	1,706	(200)	(200)	(200)	(200)	(200)					800

DESCRIPTION:

This project will enlarge the existing 1 megawatt solar field by an additional 1 megawatt power capacity.

JUSTIFICATION:

The solar system will offset commercial energy now purchased from PG&E, and, during peak production, the City will sell energy to PG&E (net energy metering).

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PG&E Grant

1,000

Loan from Fund 604

3,500

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Sewer System

Project Title: Headworks Hydraulic Forcemain Improvement

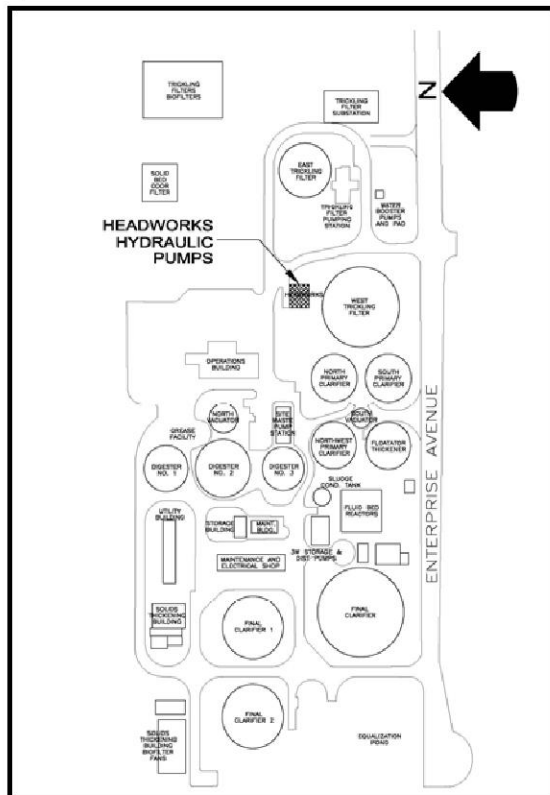
Project No.: 07534

Fund 612 - Sewer Improvement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	0	0	75	590									665
Reimbursements													
Net Cost to Fund	0	0	75	590									665



DESCRIPTION:

The project involves a thorough hydraulic evaluation and modification of the headworks pumps at the WPCF to address maximum pumping requirements when only three of the four pumps are operable.

JUSTIFICATION:

The headworks pumps, when all are on line, do not meet the capacity as stated in the 1998 construction design.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Added \$165,000 to project due to more current cost estimate.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Sewer System

Project Title: Upgrade Grade 4 Separation Station Pump Stations

Project No.: New

Fund 612 - Sewer Improvement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	0	0	160										160
Reimbursements													
Net Cost to Fund	0	0	160										160

DESCRIPTION:

This project will replace existing Paco pumps at the East Harder, West Harder, Orchard and D Street Grade Separation Stations with Flygt submersible pumps.

JUSTIFICATION:

The existing pumps are of an older technology and require an overhaul on average every 18 months, at a cost of between \$8,000-\$11,000 per pump. The new pumps cost \$15,000 each and have lasted over four years in sewer stations, which are much harsher conditions than what the grade separation station pumps will be subjected to.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Sewer System

Project Title: Digester Gas Flare Project

Project No.: New

Fund 612 - Sewer Improvement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	0	0	50	375									425
Reimbursements													
Net Cost to Fund	0	0	50	375									425

DESCRIPTION:

The existing digester gas flares will be replaced with new flares at locations where gas piping is adequately sized to handle the increased capacity.

JUSTIFICATION:

The existing digester gas flares are old, and one is no longer serviceable. In addition, the gas piping at its current location is undersized to handle the increased gas capacity that results from FOG deliveries. New fully redundant gas flares are recommended for safety reasons. In addition, the location has been adjusted to locate where the piping system is adequately sized to handle the increased flows.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Sewer System

Project Title: Digester Piping and Gas Metering Optimization

Project No.: New

Fund 612 - Sewer Improvement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	0	0	70	560									630
Reimbursements													
Net Cost to Fund	0	0	70	560									630

DESCRIPTION:

This project will allow for the installation of new gas meters, pressure relief valves, flame arrestors, three-way valves, and miscellaneous gas piping systems.

JUSTIFICATION:

Upgrades and reliability improvements are needed to the existing digester gas piping system for redundancy and to allow individual digester gas production readings.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Sewer System

Project Title: Digester Sludge Mixing Tank

Project No.: New

Fund 612 - Sewer Improvement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	0	0	165	1,300									1,465
Reimbursements													
Net Cost to Fund	0	0	165	1,300									1,465

DESCRIPTION:

A new sludge mixing tank with steep cone bottom will be provided in order to blend influent sludge and other digester feed stocks such as scum and FOG upstream of the digesters.

JUSTIFICATION:

Blending digester feed stocks will provide a more uniform influent sludge to the digesters which will help optimize digester performance.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Sewer System

Project Title: Sludge Screening

Project No.: New

Fund 612 - Sewer Improvement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	0	0	270	2,100									2,370
Reimbursements													
Net Cost to Fund	0	0	270	2,100									2,370

DESCRIPTION:

This project will retain comminution with the new sludge screening facility that removes debris from sludge and scum prior to feeding to digesters.

JUSTIFICATION:

Existing comminutors do not sufficiently remove debris impacting downstream processes including digester capacity.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Sewer System

Project Title: New Operations Building

Project No.: New

Fund 612 - Sewer Improvement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	0	0	900	6,700									7,600
Reimbursements													
Net Cost to Fund	0	0	900	6,700									7,600

DESCRIPTION:

A new Operations building will be built as the existing building is aged and undersized.

JUSTIFICATION:

In addition to the age and the capacity of the existing building, there is a need for modernization of restrooms, as well as increased space for locker rooms, laboratory, and training/break rooms.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Sewer System

Project Title: Upgrade Valle Vista Station Discharge

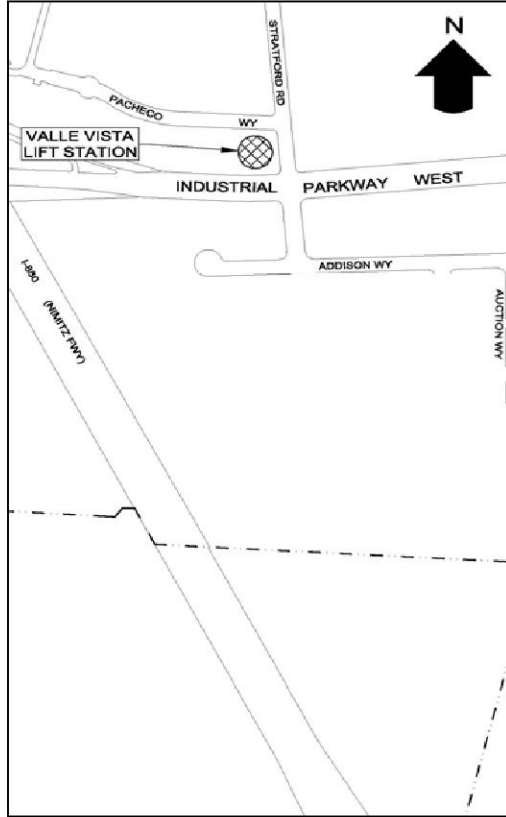
Project No.: New

Fund 612 - Sewer Improvement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	0	0	0	200									200
Reimbursements													
Net Cost to Fund	0	0	0	200									200



DESCRIPTION:

This project will modify the Valle Vista discharge manifold so pump discharge connections to the force main header enter the pipe at a 45 degree angle.

JUSTIFICATION:

Pump discharges are currently perpendicular to the force main header, causing turbulence and negatively impacting pump discharge capacity.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CITY OF
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CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Sewer System

Project Title: Chlorine Disinfection System Improvements

Project No.: New

Fund 612 - Sewer Improvement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	0	0	0	800	6,400								7,200
Reimbursements													
Net Cost to Fund	0	0	0	800	6,400								7,200

DESCRIPTION:

A new sodium hypochlorite storage facilities and chlorine contact tank will be installed on the WPCF site adjacent to new EBDA pump station.

JUSTIFICATION:

New disinfection facilities are required to allow the City to discontinue discharging to the unlined channel. The existing unlined channel is vulnerable to contamination by wildlife, and can be subject to scouring during high flows that can result in solids suspension and added chlorine demand.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Sewer System

Project Title: Replacement and Relocation of EBDA Pump Station

Project No.: New

Fund 612 - Sewer Improvement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	0	0	0	1,000	7,800								8,800
Reimbursements													
Net Cost to Fund	0	0	0	1,000	7,800								8,800

DESCRIPTION:

This project will replace the existing EBDA pump station and provide a new location for the station at the WPCF facility.

JUSTIFICATION:

Existing EBDA pump station is currently undersized to handle existing peak hour flows. In addition, the existing pump station has reached the end of its useful life.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CITY OF
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CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Sewer System

Project Title: Mechanical Sludge Dewatering Facility

Project No.: New

Fund 612 - Sewer Improvement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	0	0	0	0	2,600								2,600
Reimbursements													
Net Cost to Fund	0	0	0	0	2,600								2,600

DESCRIPTION:

A new mechanical sludge dewatering process will be constructed in accordance with the 2013 WPCF Master Plan and Facilities Update.

JUSTIFICATION:

The existing sludge drying beds do not have sufficient capacity to process the sludge as plant flows increase. In addition, solids loading and the quality of the filtrate returned to the head of the plant makes plant operations more difficult and may potentially affect the ability of the plant to meet its discharge permit requirements.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Sewer System

Project Title: Aeration Blower

Project No.: New

Fund 612 - Sewer Improvement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	0	0	0	0	0	0	85						85
Reimbursements													
Net Cost to Fund	0	0	0	0	0	0	85						85

DESCRIPTION:

This project will allow for the installation of an additional 2800 scfm multi-stage centrifugal blower.

JUSTIFICATION:

Currently, there is insufficient blower capacity to handle future, planned conditions at the solids contact tanks.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Sewer System

Project Title: Primary Effluent Flow Equalization

Project No.: New

Fund 612 - Sewer Improvement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	0	0	0	0	0	0	0	300	2,200				2,500
Reimbursements													
Net Cost to Fund	0	0	0	0	0	0	0	300	2,200				2,500

DESCRIPTION:

New primary wet weather and effluent equalization basins will be constructed per the 2013 WPCF Master Plan and Facilities Update.

JUSTIFICATION:

New primary wet weather equalization storage facilities are needed to store peak flows in excess of secondary treatment capacity.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CITY OF
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CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Sewer System

Project Title: New Standby Power Generator

Project No.: New

Fund 612 - Sewer Improvement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	0	0	0	0	0	0	0	0	0	0	250	1,750	2,000
Reimbursements													
Net Cost to Fund	0	0	0	0	0	0	0	0	0	0	250	1,750	2,000

DESCRIPTION:

A new standby power generator will be constructed.

JUSTIFICATION:

This new generator will allow for the ability to handle increasing plant loads.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



AIRPORT CAPITAL - FUND 621 (FUND 632)

Page 1

PROJ. NO.	PROJECT DESCRIPTION	PROJ. TOTAL	PRIOR YEARS	EST FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24
06809	Sulphur Creek Mitigation - Environmental Planning <i>(AIP 18) FAA</i>	322 289	237 218	85 71										
06817	Airport Pavement Repair FY13 and FY14	261	2	259										
06895	Landscaping Noise Berm & Associated Areas	41	26	15										
06814	Sulphur Creek Mitigation - Design + Construction <i>(AIP 19) FAA</i> <i>(State Matching Grant of 5%)</i>	2,500 2,250 125	0	100	2,400 2,250 125									
06815	New Administration Building	5,122	415	4,657	50									
06834	Wireless Internet Access at Airport	85	33	2	50									
06820	Airport Striping Maintenance (Runways 28L/10R)	80	0	20	20	20	20							
06816	Sulphur Creek 10-Year Monitoring	182	37	42	22	5	23	6	23	24				
06805	Project Predesign Services	330	N/A	30	30	30	30	30	30	30	30	30	30	30
06806	Consultant Predesign Services	110	N/A	10	10	10	10	10	10	10	10	10	10	10
06891	Miscellaneous Pavement/Building/Grounds Repairs	561	N/A	61	50	50	50	50	50	50	50	50	50	50
06898	Noise Monitoring	928	358	110	55	45	45	45	45	45	45	45	45	45
06818	Airport Pavement Management Program Update	210	1	34	35	0	35	0	35	0	35	0	35	0
06840	Crash Rescue Equipment <i>Developer's Contribution</i>	476 135	226 100	0	0	0	0	0	0	250				
TBD	Airport Pavement Rehabilitation FY15 - Airport Terminal Building Access Road	300	0	0	300									
TBD	Airport Pavement Rehabilitation FY16	300	0	0	0	300								
TBD	Realignment of Taxiway Zulu <i>(AIP 20) FAA</i>	2,611 2,350	0	0	0	167 150	2,444 2,200							
TBD	East T-Hangar Foam Re-roofing	1,000	0	0	0	0	350	450	200					
TBD	EMAS Runway Safety Area Improvements <i>(AIP 21) FAA</i>	8,500 7,650	0	0	0	0	0	0	167 150	8,333 7,500				
TBD	Rehab of TWY Alpha and 10L/28R & Rehab TWY Delta <i>(AIP 23) FAA</i>	539 485	0	0	0	0	0	0	0	539 485				
TBD	Golf Course Modifications/Road Relocation <i>(AIP 22) FAA</i>	3,009 2,708	0	0	0	0	0	0	0	3,009 2,708				
NEW	Perimeter Fence Repair	60	0	60										
NEW	South Side Access Road and Perimeter Road Improvements	520	0	0	520									
NEW	Pavement Rehabilitation - Runways 28L/10R <i>AIP - FAA</i>	2,200 1,980	0	0	0	0	0	2,200 1,980						

AIRPORT CAPITAL - FUND 621 (FUND 632)

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PROJ. NO.	PROJECT DESCRIPTION	PROJ. TOTAL	PRIOR YEARS	EST FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24
	TOTAL PROJECT COSTS			5,485	3,542	627	3,007	2,791	560	12,290	170	135	170	135
	TOTAL EXPENDITURES			5,485	3,542	627	3,007	2,791	560	12,290	170	135	170	135
	REVENUES:													
	Interest			15	11	8	10	11	16	19	6	5	4	2
	Developer's ARFF Contribution (Project 06840)		100			35								
	Reimbursements (FAA)	17,494		71	2,250	150	2,200	1,980	150	10,693				
	State Matching Grant of 5% (Project 06814)				125									
	Other Revenues													
	REVENUE SUBTOTAL:			86	2,386	193	2,210	1,991	166	10,712	6	5	4	2
	TRANSFERS IN FROM:													
	Fund 620 (Airport Operation Fund)	6,100		1,100	600	700	800	900	800	800	100	100	100	100
	Fund 620 (for Project 6815)	2,172		2,172										
	TRANSFERS SUBTOTAL:			3,272	600	700	800	900	800	800	100	100	100	100
	REVENUE TOTALS:			3,358	2,986	893	3,010	2,891	966	11,512	106	105	104	102
	BEGINNING FUND BALANCE:			2,936	809	253	519	522	622	1,028	250	186	156	90
	ENDING FUND BALANCE:			809	253	519	522	622	1,028	250	186	156	90	57

CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Airport

Project Title: Sulphur Creek Mitigation - Design and Construction

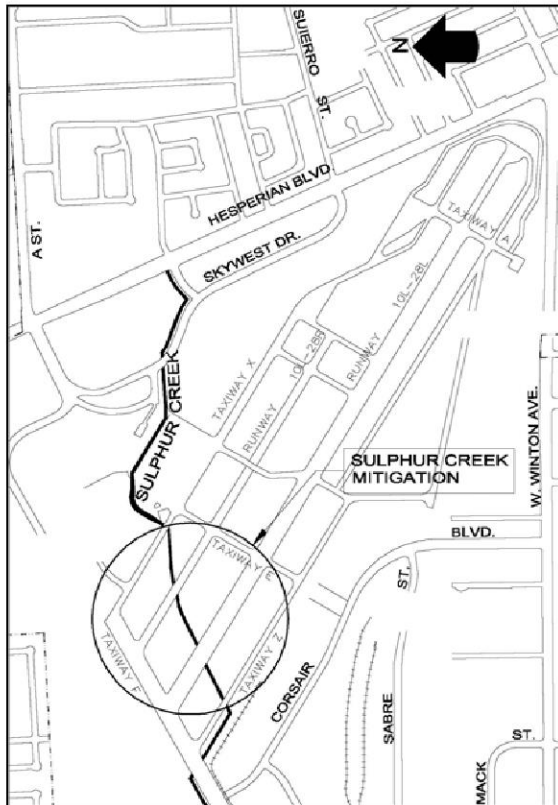
Project No.: 06814

Fund 621 - Airport Capital Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	0	100	2,400										2,500
Reimbursements			(2,375)										(2,375)
Net Cost to Fund	0	100	25										125



DESCRIPTION:

This expenditure will allow for the design, engineering, and construction of the project to enclose portions of Sulphur Creek adjacent to RWY 10L.

JUSTIFICATION:

This project would enclose approximately 900 lineal feet of open creek channel to enhance water quality, increase safety and protect migratory waterfowl from coming into contact with aircraft.

REIMBURSEMENTS:

Federal Aviation Administration
State Matching Grant

2,925
125

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Airport

Project Title: New Administration Building

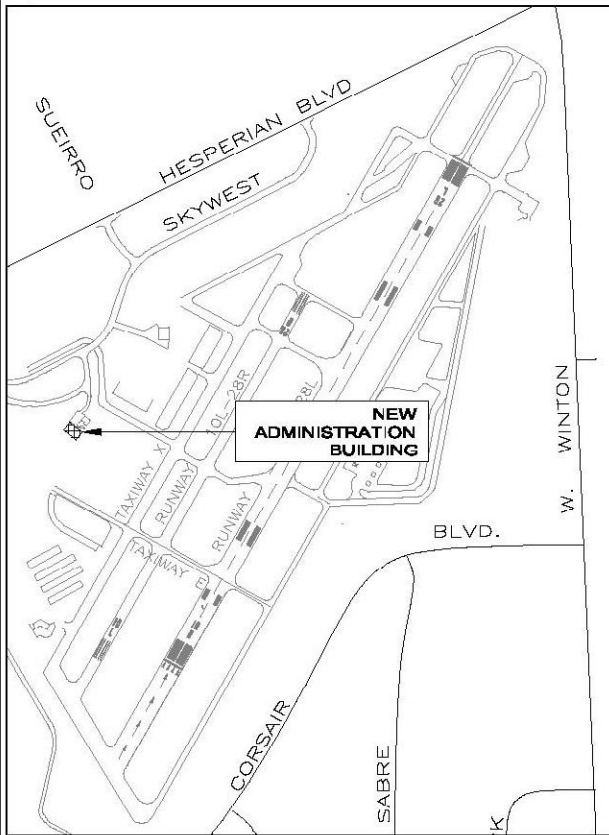
Project No.: 06815

Fund 621 - Airport Capital Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	415	4,657	50										5,122
Reimbursements													
Net Cost to Fund	415	4,657	50										5,122



DESCRIPTION:

A public-use administrative building will be constructed along the north side of the transient apron adjacent to the existing Airport Traffic Control Tower. Project delayed to accomplish tenant survey to confirm ranking over other major maintenance expenses.

JUSTIFICATION:

This building will provide a single location for transient users to meet and will provide a facility for pilots to conduct flight planning activities. In addition, project is recommended in the 2002 Airport Master Plan.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Added \$50,000 in order to complete project.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Airport

Project Title: Wireless Internet Access at Airport

Project No.: 06834

Fund 621 - Airport Capital Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	33	2	50										85
Reimbursements													
Net Cost to Fund	33	2	50										85

DESCRIPTION:

This project will allow for the upgrade of the existing internet connection at the Airport.

JUSTIFICATION:

The existing system is obsolete and does not meet the current and future needs of the Airport.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Added \$50,000 to project.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Airport

Project Title: Airport Striping Maintenance (Runways 28L/10R)

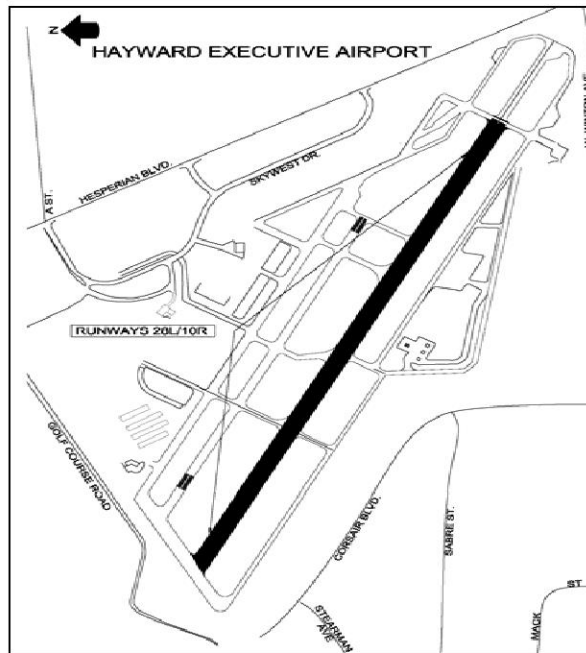
Project No.: 06820

Fund 621 - Airport Capital Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	0	20	20	20	20								80
Reimbursements													0
Net Cost to Fund	0	20	20	20	20								80



DESCRIPTION:

This project will allow for the annual restriping of Runways 28L/10R through FY17.

JUSTIFICATION:

The current striping does not meet FAA guidelines.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Project was reduced by \$520,000 and changed to reflect an annual effort to re-stripe the runways at a cost of \$20,000 per year from FY14 through FY17, at which point the runway will undergo extensive pavement rehabilitation in FY18.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Airport

Project Title: Sulphur Creek 10-Year Monitoring

Project No.: 06816

Fund 621 - Airport Capital Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	37	42	22	5	23	6	23	24					182
Reimbursements													
Net Cost to Fund	37	42	22	5	23	6	23	24					182

DESCRIPTION:

The new project will prepare reports during 10 years of mitigation, riparian, habitat, and geomorphic monitoring for the Sulphur Creek Enhancement Project at the Hayward Executive Airport.

JUSTIFICATION:

Monitoring of the area will be conducted for a period of 10 years to ensure long-term stability of the created and enhanced habitat in accordance with the Sulphur Creek Mitigation and Monitoring Plan.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Airport

Project Title: Project Predesign Services

Project No.: 06805

Fund 621 - Airport Capital Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	N/A	30	30	30	30	30	30	30	30	30	30	30	330
Reimbursements													
Net Cost to Fund	N/A	30	30	30	30	30	30	30	30	30	30	30	330

DESCRIPTION:

City engineering costs associated with predesign of airport projects, including preliminary survey, design, and cost estimates.

JUSTIFICATION:

Predesign project funds work by Engineering and Transportation Division staff involving preliminary design and general administrative work performed on the Capital Improvement Program.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

added \$30,000 each in FY23 & FY24 to continue the project.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Airport

Project Title: Consultant Predesign Services

Project No.: 06806

Fund 621 - Airport Capital Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	N/A	10	10	10	10	10	10	10	10	10	10	10	110
Reimbursements													
Net Cost to Fund	N/A	10	10	10	10	10	10	10	10	10	10	10	110

DESCRIPTION:

Consultant engineering costs associated with predesign of airport projects.

JUSTIFICATION:

Consultant services are occasionally needed in the planning and predesign of airport projects.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Added \$10,000 each in FY23 & FY24 to continue project.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Airport

Project Title: Miscellaneous Pavement, Building, and Grounds Repairs

Project No.: 06891

Fund 621 - Airport Capital Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	N/A	61	50	50	50	50	50	50	50	50	50	50	561
Reimbursements													
Net Cost to Fund	N/A	61	50	50	50	50	50	50	50	50	50	50	561

DESCRIPTION:

Project to provide funding for annual maintenance costs on over 20 airport-owned buildings as well as make repairs to the airport grounds not chargeable to airport tenants.

JUSTIFICATION:

The airport-owned buildings and grounds require ongoing maintenance.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Added funding of \$50,000 each in FY23 & FY24 to continue this project.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Airport

Project Title: Noise Monitoring

Project No.: 06898

Fund 621 - Airport Capital Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	358	110	55	45	45	45	45	45	45	45	45	45	928
Reimbursements													
Net Cost to Fund	358	110	55	45	45	45	45	45	45	45	45	45	928

DESCRIPTION:

Lease purchase project to upgrade noise monitoring equipment and software, so that the airport can track aircraft in "real time" and integrate data from existing noise monitors in the field.

JUSTIFICATION:

Currently, staff is dependent on receiving radar flight tracking data from Bay TRACON (located in Sacramento) and continually experience malfunctions, loss of flight tracks, and unpredictable noise-monitoring data.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Added funding of \$45,000 each in FY23 & FY24 to continue this project.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Airport

Project Title: Airport Pavement Management Program Update

Project No.: 06818

Fund 621 - Airport Capital Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	1	34	35	0	35	0	35	0	35	0	35	0	210
Reimbursements													
Net Cost to Fund	1	34	35	0	35	0	35	0	35	0	35	0	210

DESCRIPTION:

This project will maintain inventory, monitor pavement condition, identify and prioritize pavement needs, and select cost-effective treatments.

JUSTIFICATION:

The FAA requires the City to have in place a system for managing pavement maintenance.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Added \$35,000 in FY23 to continue program.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Airport

Project Title: Crash Rescue Equipment

Project No.: 06840

Fund 621 - Airport Capital Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	226	0	0	0	0	0	0	250					476
Reimbursements													
Net Cost to Fund	226	0	0	0	0	0	0	250					476

DESCRIPTION:

An Airport crash rescue vehicle allows firefighters at Fire Station #6 to promptly and safely respond to emergencies involving the larger jet aircraft that are frequenting the Airport on a regular basis.

JUSTIFICATION:

A used vehicle was purchased in FY 2008 and will be due for replacement by FY20.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Airport

Project Title: Airport Pavement Rehabilitation FY15 - Airport Terminal Building Access Road

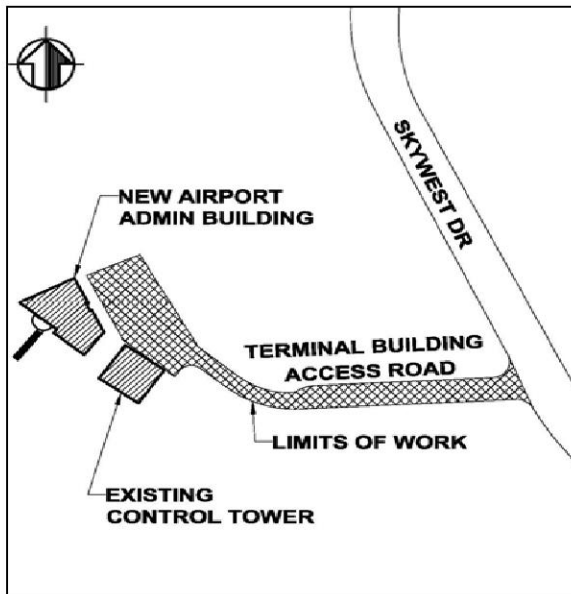
Project No.: To Be Determined

Fund 621 - Airport Capital Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	0	0	300										300
Reimbursements													
Net Cost to Fund	0	0	300										300



DESCRIPTION:

This new project will improve the access road to the new Administration Building from Skywest Drive to the front of the building.

JUSTIFICATION:

The street pavement leading to the new building is in poor condition and not slated for improvement as part of the new Airport Administration Building project. Heavy equipment used for the building construction has further exacerbated the problem.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Airport

Project Title: Airport Pavement Rehabilitation FY16

Project No.: To Be Determined

Fund 621 - Airport Capital Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	0	0	0	300									300
Reimbursements													
Net Cost to Fund	0	0	0	300									300

DESCRIPTION:

This project is part of the annual pavement rehabilitation and preventive maintenance program for the Hayward Airport.

JUSTIFICATION:

Many of the taxiways at the Airport are in need of rehabilitation and fall into a pavement condition level that is below acceptable.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Airport

Project Title: Realignment of Taxiway Zulu

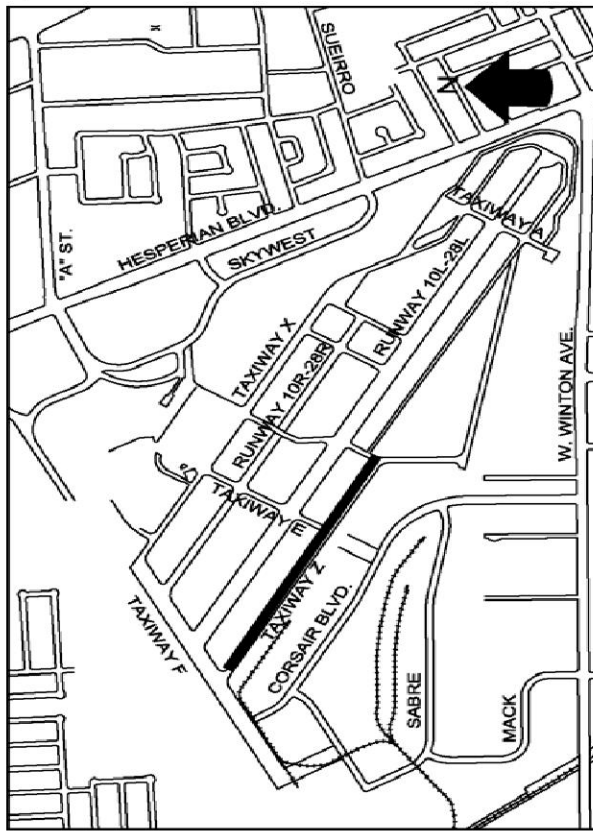
Project No.: To Be Determined

Fund 621 - Airport Capital Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	0	0	0	167	2,444								2,611
Reimbursements				(150)	(2,200)								(2,350)
Net Cost to Fund	0	0	0	17	244								261



DESCRIPTION:

Project will realign Taxiway Zulu.

JUSTIFICATION:

Project recommended in the 2002 Airport Master Plan.

REIMBURSEMENTS:

Federal Aviation Administration

2,350

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CITY OF
HAYWARD
HEART OF THE BAY

CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Airport

Project Title: East T-Hangar Foam Re-Roofing

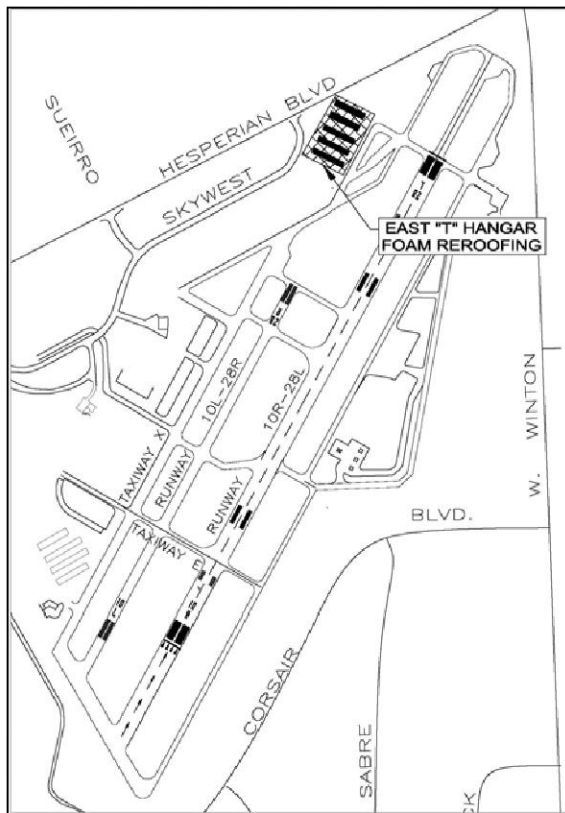
Project No.: To Be Determined

Fund 621 - Airport Capital Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	0	0	0	0	350	450	200						1,000
Reimbursements													
Net Cost to Fund	0	0	0	0	350	450	200						1,000



DESCRIPTION:

Project will replace the existing roofs with a polyurethane foam roof system.

JUSTIFICATION:

The existing roof will commence replacement by FY17 due to deterioration and age.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Airport

Project Title: EMAS Runway Safety Area Improvements

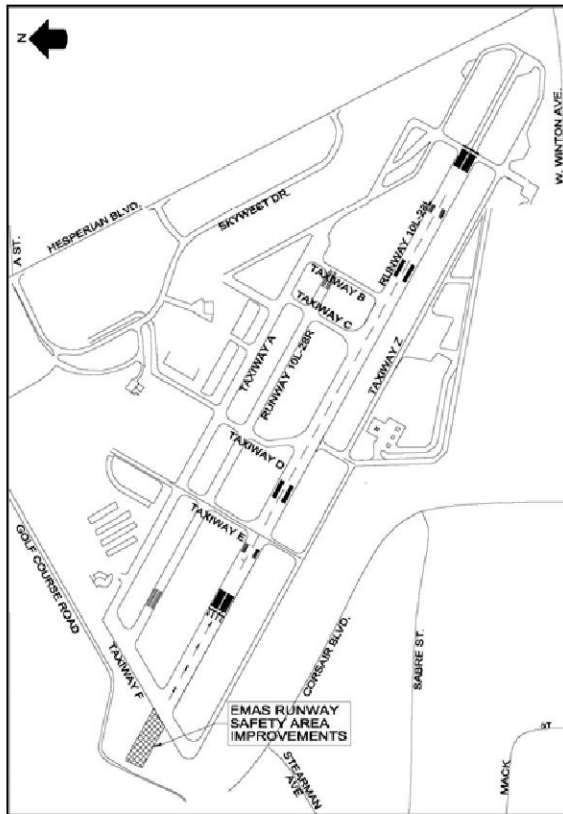
Project No.: To Be Determined

Fund 621 - Airport Capital Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	0	0	0	0	0		167	8,333					8,500
Reimbursements							(150)	(7,500)					(7,650)
Net Cost to Fund	0	0	0	0	0	0	17						850



DESCRIPTION:

The runway safety area will be modified by construction of Engineered Materials Arresting System (EMAS) due to the changing mix of aircraft which utilize the Airport.

JUSTIFICATION:

Improvements to the runway safety area are needed in order to comply with FAA regulations.

REIMBURSEMENTS:

Federal Aviation Administration

7,650

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CITY OF
HAYWARD
HEART OF THE BAY

CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Airport

Project Title: Rehabilitation of TWY Alpha and 10L/28R & Rehab TWY Delta

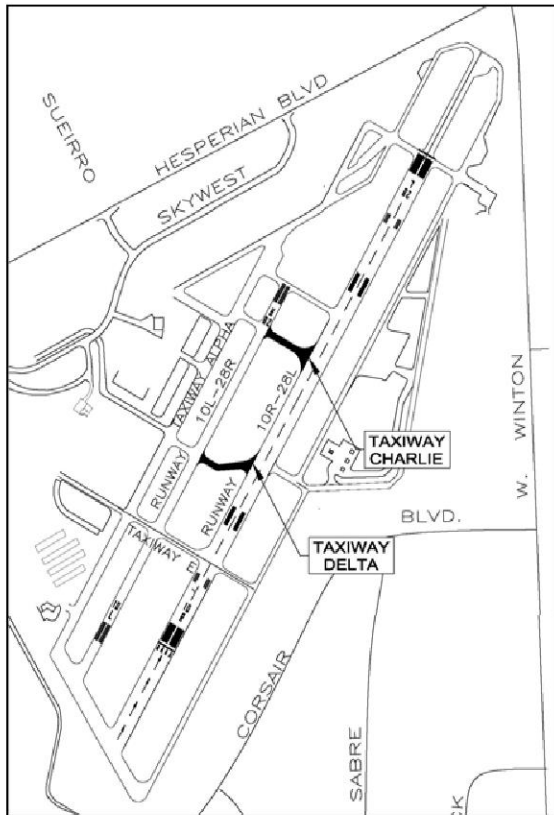
Project No.: To Be Determined

Fund 621 - Airport Capital Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	0	0	0	0	0	0	0	539					539
Reimbursements								(485)					(485)
Net Cost to Fund	0	0	0	0	0	0	0	54					54



DESCRIPTION:

Project will dig out and repave Taxiways Alpha and Delta.

JUSTIFICATION:

The runways are in need of repair due to deterioration and wear. In addition, project is recommended in the 2002 Airport Master Plan.

REIMBURSEMENTS:

Federal Aviation Administration

485

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Airport

Project Title: Golf Course Modifications/Road Relocation

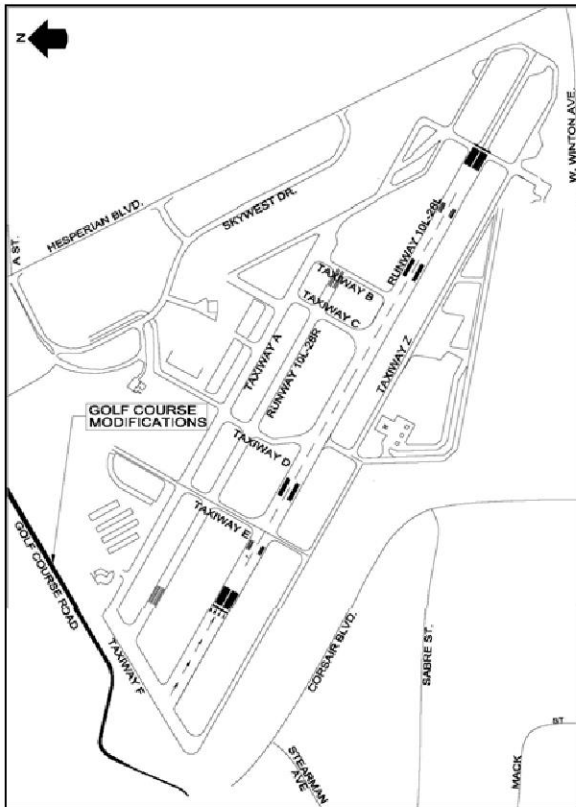
Project No.: To Be Determined

Fund 621 - Airport Capital Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	0	0	0	0	0	0	0	3,009					3,009
Reimbursements								(2,708)					(2,708)
Net Cost to Fund	0	0	0	0	0	0	0	301					301



DESCRIPTION:

Both hole #18 and Golf Course Access Road need to be relocated so that they are outside of the modified runway safety area.

JUSTIFICATION:

The improvements to the runway safety area are mandated by the FAA due to the new mix of aircraft which utilize the Airport.

REIMBURSEMENTS:

Federal Aviation Administration

2,708

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Airport

Project Title: South Side Access Road and Perimeter Road Improvements

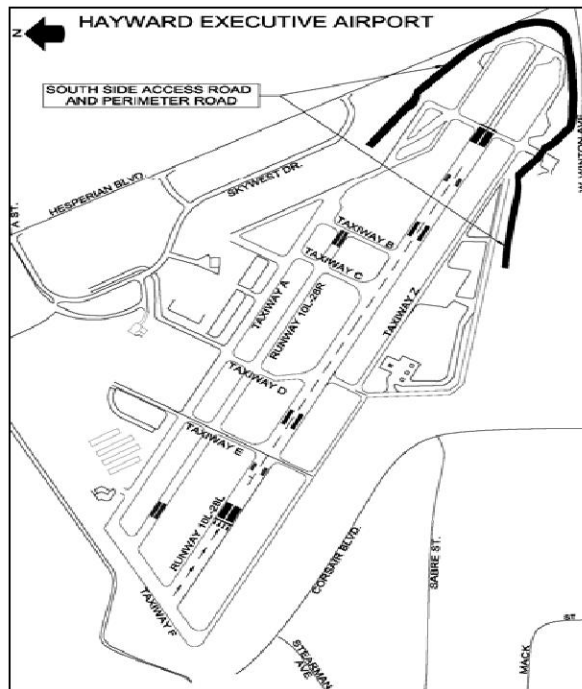
Project No.: New

Fund 621 - Airport Capital Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	0	0	520										520
Reimbursements													
Net Cost to Fund	33	0	520										520



DESCRIPTION:

This project will allow for the repair of both the south side access road and perimeter road at the Airport.

JUSTIFICATION:

Repairs to both roads will improve the movement of traffic around the Airport, especially in the south side area.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Airport

Project Title: Pavement Rehabilitation - Runways 28L/10R

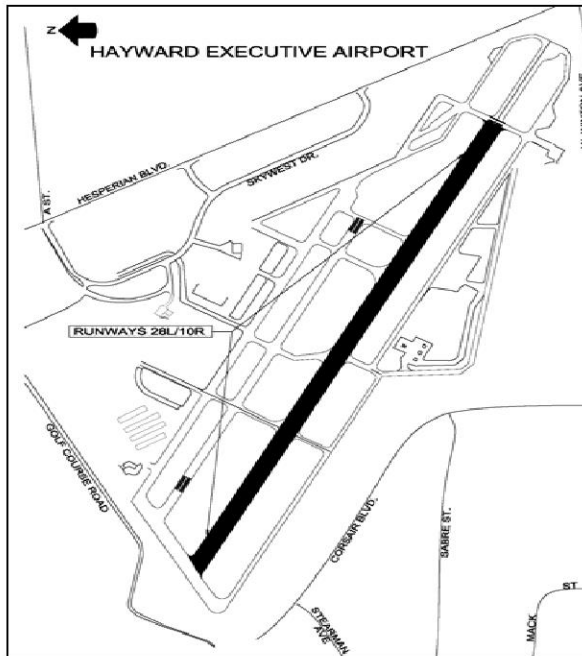
Project No.: New

Fund 621 - Airport Capital Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	0	0	0	0	0	2,200							2,200
Reimbursements						(1,980)							(1,980)
Net Cost to Fund	33	0	0	0	0	220							220



DESCRIPTION:

This project will repair runways 28L/10R.

JUSTIFICATION:

Runways 28L/10R, especially as it pertains to striping, are in need of repair due to deterioration and wear.

REIMBURSEMENTS:

Federal Aviation Administration

1,980

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

FACILITIES CAPITAL - FUND 726 (FUND 721)

Page 1

PROJ. NO.	PROJECT DESCRIPTION	PROJ. TOTAL	PRIOR YEARS	EST FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24
07214	Energy Retrofits and Solar Power Installations <i>California Energy Commission Loan</i>	792 666	792 666											
07215	City Hall Camera System/Security Upgrade	200	0	200										
07216	Fire Alarm/Smoke Detector Replacement	110	0	110										
07211	Underground Storage Tank Upgrades and Certification	325	75	10	20	20	20	20	20	20	30	30	30	30
07201	HVAC Replacement/Various Units	441	70	166	0	65	70	70						
07202	Miscellaneous Flooring Replacement	544	34	50	0	55	0	230	50	25	25	25	25	25
07203	Roof Repair/Replacement	802	199	63	0	115	0	0	0	425				
07217	Exterior Painting of City Facilities	270	0	30	0	45	0	0	0	90	0	35	35	35
07210	Window Covering Replacement	183	40	8	0	55		0	0	0	20	20	20	20
07209	Emergency Generator Replacements	225	100	55	0	0	0	0	70					
TBD	Interior Painting of City Facilities	300	0	0	30	30	30	30	30	30	30	30	30	30
NEW	Animal Control Floor Coating	60	0	0	60									
NEW	FD Training Tower Siding Replacement	60	0	0	60									
NEW	Furniture Replacement	150	0	0	60	0	0	0	0	0	0	30	30	30
NEW	Fleet Management Work Area	600	0	0	0	0	0	0	0	0	0	0	0	600
	TOTAL PROJECT COSTS			692	230	385	120	350	170	590	105	170	170	770
	TOTAL EXPENDITURES			692	230	385	120	350	170	590	105	170	170	770
	REVENUES:													
	Interest			1	1	1	2	4	4	4	3	8	12	7
	General Fund			205										
	REVENUE SUBTOTAL:			206	1	1	2	4	4	4	3	8	12	7
	TRANSFERS IN FROM:													
	Facility Charges from Fund 725	2,885	305	180	300	300	300	300	300	300	300	300	300	300
	TRANSFERS SUBTOTAL:			180	300	300	300	300	300	300	300	300	300	300
	REVENUE TOTALS:			386	301	301	302	304	304	304	303	308	312	307
	BEGINNING FUND BALANCE:			337	31	102	18	200	154	288	2	200	338	480
	ENDING FUND BALANCE:			31	102	18	200	154	288	2	200	338	480	17

CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Building/Miscellaneous Project Title: Underground Storage Tank Upgrades and Certification
 Project No.: 07211
 Fund 726 - Facilities Capital Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	75	10	20	20	20	20	20	20	30	30	30	30	325
Reimbursements													
Net Cost to Fund	75	10	20	20	20	20	20	20	30	30	30	30	325

DESCRIPTION:

This ongoing, annual project will replace all total containment product line and associated piping at various City-owned underground storage tanks.

JUSTIFICATION:

The project will remediate tanks that are currently not in compliance.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Added \$30,000 each in FY23 & FY24 to continue project.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Building/Miscellaneous Project Title: HVAC Replacement/Various Units
 Project No.: 07201
 Fund 726 - Facilities Capital Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	70	166	0	65	70	70							441
Reimbursements													
Net Cost to Fund	70	166	0	65	70	70							441

DESCRIPTION:

Continuation of project to replace or repair HVAC units in City facilities, per the following schedule: FY16 Weekes Library and Main Library (HVAC controls upgrade); FY17 - Main Library (8-ton package unit & apparatus bay heaters for Fire Stations 2-6; and FY18 - Utilities (4 package units).

JUSTIFICATION:

These units are reaching the end of their useful life, require maintenance, and have decreased in efficiency.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Added \$70,000 each in FY17 & FY18.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Building/Miscellaneous Project Title: Miscellaneous Flooring Replacement
 Project No.: 07202
 Fund 726 - Facilities Capital Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	34	50	0	55	0	230	50	25	25	25	25	25	544
Reimbursements													
Net Cost to Fund	34	50	0	55	0	230	50	25	25	25	25	25	544

DESCRIPTION:

Project to replace worn carpeting and vinyl flooring in various City facilities, per the following schedule:
 FY16 - Police Department (back corridor); FY18 - City Hall (carpet replacement); and FY19 - Fire
 Stations 3, 5, and 6 (flooring replacement).

JUSTIFICATION:

Flooring has reached the end of its useful life and needs replacement.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Added \$25,000 each in FY23 & FY24 to permit the project to continue.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Building/Miscellaneous Project Title: Roof Repair/Replacement - City Buildings
 Project No.: 07203
 Fund 726 - Facilities Capital Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	199	63	0	115	0	0	0	425					802
Reimbursements													
Net Cost to Fund	199	63	0	115	0	0	0	425					802

DESCRIPTION:

Continuation of project to replace or repair roofing on various City buildings, per the following schedule:
 FY16 - Barnes Court; and FY20 - Police Department.

JUSTIFICATION:

Roofing at various locations requires extensive repair or replacement due to old age and/or deterioration.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Building/Miscellaneous Project Title: Exterior Painting of City Facilities
 Project No.: 07217
 Fund 726 - Facilities Capital Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	0	30	0	45	0	0	0	90	0	35	35	35	270
Reimbursements													
Net Cost to Fund	0	30	0	45	0	0	0	90	0	35	35	35	270

DESCRIPTION:

Project to re-paint the exterior of various City facilities per the following schedule: FY16 - Fire Station #1 (paint and waterproof); FY20 - Police Department; and FY22 - Fire Station #6.

JUSTIFICATION:

This project is part of the regular maintenance schedule performed on all City facilities.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Building/Miscellaneous Project Title: Window Covering Replacement
 Project No.: 07210
 Fund 726 - Facilities Capital Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	40	8	0	55	0	0	0	0	20	20	20	20	183
Reimbursements													
Net Cost to Fund	40	8	0	55	0	0	0	0	20	20	20	20	183

DESCRIPTION:

Project will replace drapery at various City facilities; in FY16, the vertical blinds in City Hall will be replaced.

JUSTIFICATION:

The existing drapery is old and worn and needs to be replaced.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Added \$20,000 each in FY21- FY24 to permit the project to continue.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Building/Miscellaneous Project Title: Emergency Generator Replacements-Fire Stations 2-6 and Overhaul of Unit at the Police Department
 Project No.: 07209
 Fund 726 - Facilities Capital Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	100	55	0	0	0	0	70						225
Reimbursements													
Net Cost to Fund	100	55	0	0	0	0	70						225

DESCRIPTION:

The older emergency generators at Fire Station Nos. 2-6 and the Police Department will be replaced.

JUSTIFICATION:

The generators are 30 years old and have reached the end of their projected life.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Building/Miscellaneous Project Title: Interior Painting of City Facilities
 Project No.: To Be Determined
 Fund 726 - Facilities Capital Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	0	0	30	30	30	30	30	30	30	30	30	30	300
Reimbursements													
Net Cost to Fund	0	0	30	30	30	30	30	30	30	30	30	30	300

DESCRIPTION:

This project will allow for the annual painting of the interior of City buildings.

JUSTIFICATION:

Due to staff reductions, this service will need to be contracted out to a private firm.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Added \$30,000 each in FY23 and FY24 to continue project.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Building/Miscellaneous Project Title: Animal Control Floor Coating
 Project No.: New
 Fund 726 - Facilities Capital Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	0	0	60										60
Reimbursements													
Net Cost to Fund	0	0	60										60

DESCRIPTION:

This project will install a long-term, non-slip waterproofing floor coating at the Animal Control facility.

JUSTIFICATION:

This is the oldest area of the shelter and has a peeled paint surface and is in need of a long-term solution for safety and cleanliness.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Building/Miscellaneous Project Title: Fire Department Training Tower Siding Replacement
 Project No.: New
 Fund 726 - Facilities Capital Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	0	0	60										60
Reimbursements													
Net Cost to Fund	0	0	60										60

DESCRIPTION:

The original siding for the Fire Department training tower needs to be replaced.

JUSTIFICATION:

The siding needs to be replaced due to the cumulative exposure to weather and sun.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Building/Miscellaneous Project Title: Furniture Replacement
 Project No.: New
 Fund 726 - Facilities Capital Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	0	0	60	0	0	0	0	0	0	30	30	30	150
Reimbursements													
Net Cost to Fund	0	0	60	0	0	0	0	0	0	30	30	30	150

DESCRIPTION:

This project will replace common area furniture in the conference rooms located on the second floor of City Hall as well as the prefuction area and rotunda.

JUSTIFICATION:

The existing furniture is worn and in need of replacement.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Building/Miscellaneous Project Title: Fleet Management Work Area
 Project No.: New
 Fund 726 - Facilities Capital Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	0	0	0	0	0	0	0	0	0	0	0	600	600
Reimbursements													
Net Cost to Fund	0	0	0	0	0	0	0	0	0	0	0	600	600

DESCRIPTION:

This project will provide for an outdoor covered area, which is needed for fire vehicle maintenance.

JUSTIFICATION:

The covered area will protect the vehicles and staff from the elements.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



INFORMATION TECHNOLOGY CAPITAL - FUND 731 (FUND 726)

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PROJ. NO.	PROJECT DESCRIPTION	PROJ. TOTAL	PRIOR YEARS	EST FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24
07254	CAD/RMS Replacement	3,624	3,108	516										
07260	Enterprise Content Management	50	0	50										
07261	Sharepoint Business Intelligence	150	62	88										
07255	Enterprise Resource Planning (ERP) System	4,110	1,951	1,879	140	140								
07253	Desktop Computer Replacement Program	2,200	748	202	125	125	125	125	125	125	125	125	125	125
07256	Public Safety Mobile Replacement Project	2,234	635	399	50	50	50	400	400	50	50	50	50	50
07257	Network Server Replacement Project	1,322	158	2	262	100	100	100	100	100	100	100	100	100
07259	Geographic Information System Improvements	325	0	75	25	25	25	25	25	25	25	25	25	25
NEW	Agenda Management System Replacement	100	0	0	100									
NEW	Security Camera Pilot Project	200	0	0	200									
NEW	Network Infrastructure Replacement - Police Dept	561	0	0	149	58	58	58	58	0	0	60	60	60
NEW	Network Infrastructure Replacement	2,820	0	0	348	348	348	348	348	0	0	360	360	360
NEW	Council Chambers Technology Upgrade	1,500	0	0	750	0	0	0	0	0	0	750		
	TOTAL PROJECT COSTS			3,211	2,149	846	706	1,056	1,056	300	300	1,470	720	720
	TOTAL EXPENDITURES			3,211	2,149	846	706	1,056	1,056	300	300	1,470	720	720
	REVENUES:													
	Interest			14	0	0	2	2	1	1	1	1	1	0
	Cell Tower Lease Revenue			18	18	18	18	18	18	18	18	18	18	18
	REVENUE SUBTOTAL:			32	18	18	20	20	19	19	19	19	19	18
	TRANSFERS IN FROM:													
	Fund 405		520											
	General Fund		209	2,353	1,250	232	240	248	450	50	50	1,250	450	450
	Information Technology Charges from Fund 730	4,786	780		897	606	610	614	618	216	220	225	229	234
	Sewer Operations (Fund 610) for ERP		124	124										
	Water Operating Fund (Fund 605) for ERP		153	153										
	Airport Operating Fund (Fund 621) for ERP		26	26										
	TRANSFERS SUBTOTAL:			2,656	2,147	838	850	862	1,068	266	270	1,475	679	684
	REVENUE TOTALS:			2,688	2,165	856	870	882	1,087	285	289	1,494	698	702
	BEGINNING FUND BALANCE:			524	1	17	27	191	17	48	33	22	46	24
	ENDING FUND BALANCE:			1	17	27	191	17	48	33	22	46	24	6

CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Equipment

Project Title: Enterprise Resource Planning System

Project No.: 07255

Fund 731 - Technology Services Capital Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	1,951	1,879	140	140									4,110
Reimbursements													
Net Cost to Fund	1,951	1,879	140	140									4,110

DESCRIPTION:

This project will serve to install a new financial system; additional funding will be added to the project over time.

JUSTIFICATION:

The existing financial system is over 20 years old and lacks the capacity to adjust or conform to the current needs and requirements mandated by Finance and other agencies.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Equipment

Project Title: Desktop Computer Replacement Program

Project No.: 07253

Fund 731 - Technology Services Capital Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	748	202	125	125	125	125	125	125	125	125	125	125	2,200
Reimbursements													
Net Cost to Fund	748	202	125	125	125	125	125	125	125	125	125	125	2,200

DESCRIPTION:

This project will systematically replace desktop computers City-wide.

JUSTIFICATION:

The majority of the desktop computer systems in use by City staff are more than four years old and are now considered obsolete according to industry standards.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Added \$125,000 each in FY23 & FY24 to continue project.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Equipment

Project Title: Public Safety Mobile Replacement Project

Project No.: 07256

Fund 731 - Technology Services Capital Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	635	399	50	50	50	400	400	50	50	50	50	50	2,234
Reimbursements													
Net Cost to Fund	635	399	50	50	50	400	400	50	50	50	50	50	2,234

DESCRIPTION:

This project will partially fund the systematic replacement of Public Safety's mobile computer units.

JUSTIFICATION:

The majority of the mobile computer units in use by the City are more than four years old and are now considered obsolete according to industry standards.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Added \$50,000 each in FY23 & FY24 to continue this project.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Equipment

Project Title: Network Server Replacement Project

Project No.: 07257

Fund 731 - Technology Services Capital Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	158	2	262	100	100	100	100	100	100	100	100	100	1,322
Reimbursements													
Net Cost to Fund	158	2	262	100	100	100	100	100	100	100	100	100	1,322

DESCRIPTION:

This project will partially fund the systematic replacement of network servers.

JUSTIFICATION:

The majority of the servers in use by the City are more than four years old and are now considered obsolete according to industry standards.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Added \$100,000 each in FY23 & FY24 to continue this project.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Equipment

Project Title: Geographic Information System Improvements

Project No.: 07259

Fund 731 - Technology Services Capital Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	0	75	25	25	25	25	25	25	25	25	25	25	325
Reimbursements													
Net Cost to Fund	0	75	25	25	25	25	25	25	25	25	25	25	325

DESCRIPTION:

This project will fund improvements to the Citywide (including public safety) GIS system.

JUSTIFICATION:

Improvements to the City's GIS system will allow users to access the most recent information available as well as improve the software's functionality and interfacing with other software programs.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Added \$25,000 each in FY23 & FY24 to continue this project.

OPERATING BUDGET IMPACTS:



CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Equipment

Project Title: Agenda Management System Replacement

Project No.: New

Fund 731 - Technology Services Capital Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	0	0	100										100
Reimbursements													
Net Cost to Fund	0	0	100										100

DESCRIPTION:

The existing Agenda Manager system will be replaced.

JUSTIFICATION:

the existing agenda management system lacks the required functionality and is no longer being enhanced by vendor Laserfiche, Inc.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:



CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Equipment

Project Title: Security Camera Pilot Project

Project No.: New

Fund 731 - Technology Services Capital Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	0	0	200										200
Reimbursements													
Net Cost to Fund	0	0	200										200

DESCRIPTION:

4 public security cameras would be installed as well as backend data transmission and server storage.

JUSTIFICATION:

This pilot project will allow for investigation into the viability of public security cameras.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:



CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Equipment

Project Title: Council Chambers Technology Upgrade

Project No.: New

Fund 731 - Technology Services Capital Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	0	0	750	0	0	0	0	0	0	750			1,500
Reimbursements													
Net Cost to Fund	0	0	750	0	0	0	0	0	0	750			1,500

DESCRIPTION:

This project would allow for the replacement of the City's audio, video, and computer technology in the Council Chambers and Conference Room 2A.

JUSTIFICATION:

The existing equipment is approximately 8 years old. The equipment is in constant need of repair and impacts the City's live and recorded broadcasts. The video equipment is also old analog technology, while digital video is now the standard.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:



CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Equipment

Project Title: Network Infrastructure Replacement - Police Department

Project No.: New

Fund 731 - Technology Services Capital Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	0	0	149	58	58	58	58	0	0	60	60	60	561
Reimbursements													
Net Cost to Fund	0	0	149	58	58	58	58	0	0	60	60	60	561

DESCRIPTION:

This project includes a network infrastructure upgrade for the Police Department, including a redundant core, increased backbone speeds, server room upgrades, and increased capacity for new technology.

JUSTIFICATION:

The last upgrade was seven years ago and the existing equipment has reached the end of its useful life.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:



CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Equipment

Project Title: Network Infrastructure Replacement

Project No.: New

Fund 731 - Technology Services Capital Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	0	0	348	348	348	348	348	0	0	360	360	360	2,820
Reimbursements													
Net Cost to Fund	0	0	348	348	348	348	348	0	0	360	360	360	2,820

DESCRIPTION:

This project will allow for a network infrastructure upgrade; such upgrades include a 10 GB redundant backbone as well as an increased switch capacity throughout the city which will allow for growth in the use of technology.

JUSTIFICATION:

The last upgrade was seven years ago and the existing equipment has reached the end of its useful life. In addition, the City's network has doubled in size during that time.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:



FLEET MANAGEMENT CAPITAL - FUND 736 (FUND 731)

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PROJ. NO.	PROJECT DESCRIPTION	PROJ. TOTAL	PRIOR YEARS	EST FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24
07301	Vehicle Replacement Needs - Fire	16,705	3,379	1,043	1,185	912	902	929	997	985	2,693	1,495	1,076	1,109
07302	Vehicle Replacement Needs - Other General Fund	7,843	1,076	402	499	803	464	807	740	585	741	609	483	634
07303	Vehicle Replacement Needs - Police	10,099	1,673	535	551	568	776	765	765	794	738	760	1,368	806
	TOTAL PROJECT COSTS			1,980	2,235	2,283	2,142	2,501	2,502	2,364	4,172	2,864	2,927	2,549
	TOTAL EXPENDITURES			1,980	2,235	2,283	2,142	2,501	2,502	2,364	4,172	2,864	2,927	2,549
	REVENUES:													
	Interest			1	3	5	5	4	9	31	24	10	14	22
	Auction Proceeds			10	10	10	10	10	10	10	10	10	10	10
	Other Revenues													
	REVENUE SUBTOTAL:			11	13	15	15	14	19	41	34	20	24	32
	TRANSFERS IN FROM:													
	Funds from Loan Financing	8,906	5,450	1,359	1,185	912								
	Transfer from Capital Projects (405)			70										
	Technology Services Operating Fund (730)				32									
	Internal Service Fund Charges	20,100	500	600	1,000	1,500	2,000	2,500	3,000	3,000	3,000	3,000	3,000	3,000
	TRANSFERS SUBTOTAL:			2,029	2,217	2,412	2,000	2,500	3,000	3,000	3,000	3,000	3,000	3,000
	REVENUE TOTALS:			2,040	2,230	2,427	2,015	2,514	3,019	3,041	3,034	3,020	3,024	3,032
	BEGINNING FUND BALANCE:			119	179	174	318	191	204	721	1,398	260	416	513
	ENDING FUND BALANCE:			179	174	318	191	204	721	1,398	260	416	513	996

CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Fleet Management

Project Title: Vehicle Replacement Needs - Fire

Project No.: 07301

Fund 736 Fleet Management Capital

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	3,379	1,043	1,185	912	902	929	997	985	2,693	1,495	1,076	1,109	16,705
Reimbursements													
Net Cost to Fund	3,379	1,043	1,185	912	902	929	997	985	2,693	1,495	1,076	1,109	16,705

DESCRIPTION:

Project represents the annual funding needed for the replacement of those fire units which have reached the end of their useful life.

JUSTIFICATION:

City vehicles are scheduled for replacement on a regular basis in order to avoid costly repairs caused by age and extensive use.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Reduced appropriations by \$4,069,000 from FY15 through FY24 in order to better reflect needed funding requirements for the replacement of Fire vehicles which have reached the end of their useful life.

OPERATING BUDGET IMPACTS:

These are identified General Fund capital requirements.



CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Fleet Management

Project Title: Vehicle Replacement Needs - Other General Fund

Project No.: 07302

Fund 736 Fleet Management Capital

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	1,076	402	499	803	464	807	740	585	741	609	483	634	7,843
Reimbursements													
Net Cost to Fund	1,076	402	499	803	464	807	740	585	741	609	483	634	7,843

DESCRIPTION:

Project represents the annual funding needed for the replacement of those vehicles which have reached the end of their useful life.

JUSTIFICATION:

City vehicles are scheduled for replacement on a regular basis in order to avoid costly repairs caused by age and extensive use.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Reduced appropriations by \$358,000 from FY15 through FY24 in order to better reflect needed funding requirements for the replacement of non-public safety vehicles which have reached the end of their useful life.

OPERATING BUDGET IMPACTS:

These are identified General Fund capital requirements.



CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Fleet Management

Project Title: Vehicle Replacement Needs - Police

Project No.: 07303

Fund 736 Fleet Management Capital

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	1,673	535	551	568	776	765	765	794	738	760	1,368	806	10,099
Reimbursements													
Net Cost to Fund	1,673	535	551	568	776	765	765	794	738	760	1,368	806	10,099

DESCRIPTION:

Project represents the annual funding needed for the replacement of those police units which have reached the end of their useful life.

JUSTIFICATION:

City vehicles are scheduled for replacement on a regular basis in order to avoid costly repairs caused by age and extensive use.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Added a total of \$1,081,000 from FY15 through FY24 in order to better reflect needed funding requirements for the replacement of Police vehicles which have reached the end of their useful life.

OPERATING BUDGET IMPACTS:

These are identified General Fund capital requirements.



FLEET MANAGEMENT ENTERPRISE - FUND 737 (FUND 732)

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PROJ. NO.	PROJECT DESCRIPTION	PROJ. TOTAL	PRIOR YEARS	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24
07352	Vehicle Replacement Needs - Sewer	4,065	245	445	1,212	143	328	236	75	239	412	253	235	242
07353	Vehicle Replacement Needs - Water	3,635	296	332	592	435	344	265	81	452	246	380	131	81
07350	Vehicle Replacement Needs - Airport	861	44	15	30	90	191	39	0	113	0	0	339	0
07351	Vehicle Replacement Needs - Stormwater	1,637	0	207	285	223	0	0	0	251	258	139	274	0
	TOTAL PROJECT COSTS			999	2,119	891	863	540	156	1,055	916	772	979	323
	TOTAL EXPENDITURES			999	2,119	891	863	540	156	1,055	916	772	979	323
	REVENUES:													
	Interest			14	17	7	5	5	11	20	13	10	9	13
	Auction Proceeds			4	4	4	4	4	4	4	4	4	4	4
	REVENUE SUBTOTAL:			18	21	11	9	9	15	24	17	14	13	17
	TRANSFERS IN FROM:													
	Vehicle Capital Charges from Fund 610 (Sewer)	3,230	1,070	240	240	240	240	240	240	240	240	240	240	240
	Vehicle Capital Charges from Fund 605 (Water)	3,432	858	286	286	286	286	286	286	286	286	286	286	286
	Vehicle Capital Charges from Fund 621 (Airport)	852	213	71	71	71	71	71	71	71	71	71	71	71
	Vehicle Capital Charges from Fund 615 (Stormwater)	1,369	255	85	155	225	85	85	85	85	169	140	275	85
	Fund 611 (for Sewer Main CCTV Truck Replacement)	655	255		400									
	TRANSFERS SUBTOTAL:			682	1,152	822	682	682	682	682	766	737	872	682
	REVENUE TOTALS:			700	1,173	833	691	691	697	706	783	751	885	699
	BEGINNING FUND BALANCE:			1,630	1,331	385	327	155	306	847	498	365	344	250
	ENDING FUND BALANCE:			1,331	385	327	155	306	847	498	365	344	250	626

CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Fleet Management

Project Title: Vehicle Replacement Needs - Sewer

Project No.: 07352

Fund 737 Fleet Management Enterprise

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	245	445	1,212	143	328	236	75	239	412	253	235	242	4,065
Reimbursements													
Net Cost to Fund	245	445	1,212	143	328	236	75	239	412	253	235	242	4,065

DESCRIPTION:

Project will fund, on an annual basis, the replacement of those vehicles in the Sewer division which have reached the end of their useful life.

JUSTIFICATION:

City vehicles are scheduled for replacement on a regular basis in order to avoid costly repairs caused by age and extensive use.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Increased appropriations by \$79,000 from FY15 through FY24 in order to better reflect needed funding requirements for the replacement of Sewer Division vehicles which have reached the end of their useful life.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Fleet Management

Project Title: Vehicle Replacement Needs - Water

Project No.: 07353

Fund 737 Fleet Management Enterprise

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	296	332	592	435	344	265	81	452	246	380	131	81	3,635
Reimbursements													
Net Cost to Fund	296	332	592	435	344	265	81	452	246	380	131	81	3,635

DESCRIPTION:

Project will fund, on an annual basis, the replacement of those vehicles in the Water division which have reached the end of their useful life.

JUSTIFICATION:

City vehicles are scheduled for replacement on a regular basis in order to avoid costly repairs caused by age and extensive use.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Decreased appropriations by \$969,000 from FY15 through FY24 in order to better reflect needed funding requirements for the replacement of Sewer Division vehicles which have reached the end of their useful life.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Fleet Management

Project Title: Vehicle Replacement Needs - Airport

Project No.: 07350

Fund 737 Fleet Management Enterprise

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	44	15	30	90	191	39	0	113	0	0	339	0	861
Reimbursements													
Net Cost to Fund	44	15	30	90	191	39	0	113	0	0	339	0	861

DESCRIPTION:

Project will fund, on an annual basis, the replacement of those vehicles at the Airport which have reached the end of their useful life.

JUSTIFICATION:

City vehicles are scheduled for replacement on a regular basis in order to avoid costly repairs caused by age and extensive use.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Decreased appropriations by \$510,000 from FY15 through FY24 in order to better reflect needed funding requirements for the replacement of Airport vehicles which have reached the end of their useful life.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CAPITAL IMPROVEMENT PROGRAM FY15 - FY24

CATEGORY: Fleet Management

Project Title: Vehicle Replacement Needs - Stormwater

Project No.: 07351

Fund 737 Fleet Management Enterprise

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTALS
Expenditures	0	207	285	223	0	0	0	251	258	139	274	0	1,637
Reimbursements													
Net Cost to Fund	0	207	285	223	0	0	0	251	258	139	274	0	1,637

DESCRIPTION:

Project will fund, on an annual basis, the replacement of those vehicles in the Stormwater division which have reached the end of their useful life.

JUSTIFICATION:

City vehicles are scheduled for replacement on a regular basis in order to avoid costly repairs caused by age and extensive use.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Decreased appropriations by \$704,000 from FY15 through FY24 in order to better reflect needed funding requirements for the replacement of Stormwater Division vehicles which have reached the end of their useful life.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



UNFUNDED IDENTIFIED CAPITAL NEEDS

Projects included in this section are those projects that have been identified in approved City Policy Documents as needed or desired, but are not currently fundable in the City's Capital Improvement Program. The City policy document(s) which contains the project is noted in italics. It should be noted that this list has been reduced somewhat due to the successful completion of a project or its inclusion into one of the major projects scheduled within the timeline of this ten-year CIP (i.e. the Route 238 Corridor Improvement Project) as indicated below.

TECHNOLOGY SERVICES PROJECTS

	<u>10-Year Total</u>
1. Business Intelligence Software Software will allow the Finance Department to process information pertaining to financial-related management functions. <i>2008 Technology Strategic Plan</i>	150,000
2. Network Infrastructure Replacement Project Replacement of network infrastructure with newer, more current technology that has increased capacity. <i>Full amount of \$2,820,000 for FY15-FY24 added to CIP.</i> <i>FY 2011 CIP New Project Requests</i>	0
3. Large Format Plotters Replacement Project Replacement of plotters with newer, more current technology. \$15,000 per year from FY14-FY22. <i>FY 2011 CIP New Project Requests</i>	135,000
4. High Volume/Specialized Printers Replacement Project Replacement of printers with newer, more current technology. <i>FY 2011 CIP New Project Requests</i>	80,000
5. VOIP Telephone Replacement Project The current system will need to be replaced in order to keep current with the newest technology available on the market. \$50,000 per year from FY14-FY22. <i>FY 2011 CIP New Project Requests</i>	450,000
6. Citywide Audio/Visual Equipment Replacement Project Replacement of audio/visual equipment with newer, more current technology. <i>FY 2011 CIP New Project Requests</i>	240,000
7. High Speed Outbound Notification Emergency Communications System Development of an outbound notification emergency communications system. \$40,000 per year from FY15-FY22. <i>FY 2012 CIP New Project Requests</i>	320,000
8. Geographic Information System (GIS) Improvements Project will improve the Citywide and public safety GIS systems. <i>(\$325,000 of the total needed amount of \$375,000 funded in CIP)</i> <i>FY 2012 CIP New Project Requests</i>	50,000

TECHNOLOGY SERVICES PROJECTS (Continued)

	<u>10-Year Total</u>
9. Enterprise Mobility Implementation of Citywide Enterprise Mobility Initiatives (i.e. iPads, etc.). Most recent estimate reflected \$45,000 in FY13 and \$25,000 per year in FY15, FY17, FY19 and FY21; costs now reflect \$25,000 per year in FY16, FY18, FY20, FY22, and FY24. <i>FY 2012 CIP New Project Requests</i>	125,000
10. Wireless Point-to-Point Infrastructure Replacement Project Replacement of Citywide wireless network infrastructure. \$75,000 per year from FY14-FY22. <i>FY 2013 CIP New Project Requests</i>	675,000
11. Network Monitoring System Acquisition of a Citywide network monitoring system. <i>FY 2013 CIP New Project Requests</i>	440,000
12. Self-Service Computer Kiosk Upgrades Upgrade of self-service computer kiosks at PD, City Hall, Downtown, and Animal Control. <i>FY 2013 CIP New Project Requests</i>	80,000
13. Public Safety Tech Services Vehicle Acquisition of a vehicle for Public Safety Tech Services support use. <i>FY 2013 CIP New Project Requests</i>	30,000
14. EOC Software System Training Complete user training on EOC NC4 System. <i>FY 2013 CIP New Project Requests</i>	100,000
15. Other General Fund Technology Needs Project will address other identified, General Fund-related technology needs. \$150,000 per year from FY14-FY22. <i>FY 2012 CIP New Project Requests</i>	1,350,000
	\$ 4,225,000

FACILITIES PROJECTS

10-Year Total

Major New Facilities Projects

1.	Replacement Police Station Replacement for 1972 vintage existing facility with 80,000 square foot police headquarters and 15,000 square foot jail facility. Cost does not include land. <i>2008 Police Department Strategic Plan</i>	85,000,000
2.	Fire Truck Building Addition and Washrack Addition Extend the existing equipment maintenance facility to create a dedicated space to perform repairs to fire fighting equipment as well as construction of a washrack enclosure next to the new fire equipment stall. <i>FY 2010 Identified Needs List for CIP</i>	850,000
3.	New Fire Station #7 and Firehouse Clinic A new fire station is needed in order to replace the existing portable buildings, which are showing "wear and tear". The project is included in Fund 405 of CIP. <i>FY 2010 Identified Needs List for CIP</i>	0
4.	Drill Grounds Renovations - Fire Station #6 Replace aging and deteriorating training grounds, classrooms, offices, tower, burn building, simulators, apparatus housing and recruit living quarters. <i>FY 2010 Identified Needs List for CIP</i>	8,200,000
5.	New Fire Station #9 A new fire house would be built on the south end of Campus Drive. Updated due to more current cost estimate. <i>FY 2010 Identified Needs List for CIP</i>	5,500,000
6.	Solar Carport Between Fleet Management and Streets As part of the City's efforts to utilize green technology whenever possible, project would install a solar carport at the Maintenance Yard. <i>FY 2011 New Project Requests</i>	750,000
7.	New 21st Century Library and Community Learning Center Construction of a new Library and Community Learning Center. <i>FY 2014 Identified Needs List for CIP</i>	52,000,000
		<hr/> \$ 151,900,000

Facility Maintenance and Improvement Projects

1.	Police Department Fire Alarm Water Flow System Replacement This new system would notify the Police Department where water flow takes place in case of fire. <i>FY 2010 Identified Needs List for CIP</i>	30,000
2.	Painting Projects - Fire Station No. 1 and Police Dept. Project would allow for the painting of Fire Station #1 and the Police Department. <i>FY 2010 Identified Needs List for CIP</i>	127,000
3.	Lexan Window Replacement for 1930 City Hall The Lexan plastic windows would replace the broken glass windows on both the ground floor and second floor of the building. <i>FY 2010 Identified Needs List for CIP</i>	15,000
4.	Equipment Yard Metal Canopy Installation of a canopy across the five roll-up doors at Fleet Management. <i>FY 2010 Identified Needs List for CIP</i>	59,000

Facility Maintenance and Improvement Projects (Continued)		<u>10-Year Total</u>
5.	Permanent Fire Department EOC Facility at Fire Station #1 An existing conference room at Fire Station #1 would be converted into a Fire Department EOC. Updated due to more current cost estimate. <i>FY 2010 Identified Needs List for CIP</i>	350,000
6.	Station #1 Carport Construct a 20' by 30' covered parking area with a charging station. <i>FY 2010 Identified Needs List for CIP</i>	25,000
7.	Station #1 Storage Building Construct a storage building located near the rear of fire station #1. <i>FY 2010 Identified Needs List for CIP</i>	350,000
8.	Remodel of Stations 1, 2, 3, 4, 5, and 6 Each station is in need of remodeling, which includes items such as floor coverings, makeover of bathrooms, painting, and window & wall coverings. <i>FY 2010 Identified Needs List for CIP</i>	11,000,000
9.	Fire Station #1 Carpeting Replace all carpeted areas within Fire Station #1. Updated due to more current cost estimate. <i>FY 2010 Identified Needs List for CIP</i>	35,000
10.	Kitchen Renovations for Stations 2, 3, 4, 5, and 6 Renovation of kitchens at each station; items to be replaced include cabinets, oven/stoves, flooring, and counter tops as well as re-evaluation of overall design layout. <i>FY 2010 Identified Needs List for CIP</i>	600,000
11.	Fire Stations #3 and #4 Landscaping Replace existing landscaping and aging sprinkler system. <i>FY 2010 Identified Needs List for CIP</i>	16,000
12.	Fire Station #9 Soundscaping (noise buffer) Plant trees along the property line on the east side of Fire Station #9 to provide a noise buffer within the neighborhood. <i>FY 2010 Identified Needs List for CIP</i>	20,000
13.	Awning for Patio at Fire Station No. 1 The awning would protect fitness equipment from the elements as well as increase the amount of square footage available for workouts. <i>FY 2011 New Project Requests</i>	10,000
14.	Refurbishment of Fire Burn Building Extensive restoration and/or replacement of drill ground facilities. <i>FY 2013 New Project Requests</i>	925,000
15.	Replacement or Remodel of Fire Training Classrooms, Offices, and Fire Simulation Room Replace or remodel training classrooms, offices, and fire simulation room. <i>FY 2013 New Project Requests</i>	2,000,000

Facility Maintenance and Improvement Projects (Continued)		<u>10-Year Total</u>
16.	Replacement of Training Tower Replace existing tower, which was built in mid 1970's and is deteriorating. <i>FY 2013 New Project Requests</i>	2,500,000
17.	Replacement of Training Apparatus, Recruit Classroom and RACES Operation Structure Replace the existing training apparatus housing area, recruit living quarters, and RACES emergency operating center. <i>FY 2013 New Project Requests</i>	150,000
18.	Fitness Room Conversion at Fire Station #2 Conversion of a dormitory and small work space that is not being used into an exercise area. <i>FY 2013 New Project Requests</i>	20,000
19.	Emergency Command Vehicle Purchase of a "Code 3" equipped vehicle each year, for use by HFD Command Staff. <i>FY 2013 New Project Requests</i>	760,000
20.	Training Cargo Trailer Purchase an enclosed cargo trailer for easier transport of training equipment to remote training locations. <i>FY 2013 New Project Requests</i>	35,000
21.	Maintenance of Fire Training Classrooms, Offices, and Fire Simulation Room Ongoing maintenance of training classrooms, offices, and fire simulation room. <i>FY 2013 New Project Requests</i>	100,000
22.	Maintenance of Training Tower Necessary maintenance of the aging and deteriorating training tower. <i>FY 2013 New Project Requests</i>	225,000
23.	Maintenance of Training Apparatus, Recruit Classroom and RACES Operation Structure Maintain existing training apparatus housing area, recruit living quarters, and RACES emergency operating center. <i>FY 2013 New Project Requests</i>	50,000
24.	Command Vehicle Replacement The City's backup Dispatch and Emergency Command Post is in a 20-year old motorhome that is without any replacement fund. <i>FY 2012 CIP New Project Requests</i>	400,000
25.	CISCO Video Conference Monitors Purchase three CISCO Tele-Presence Monitors to complete implementation of departmental wide video conference system. <i>FY 2013 New Project Requests</i>	40,000
26.	Weekes Branch Library - Ergonomic Staff Workstations Replace outdated and inefficient staff workstations at Weekes Branch Library with new ergonomic workstations. <i>FY 2014 New Project Requests</i>	48,000
27.	Library - Public internet computers (Main & Weekes) Project will install 10 additional public access internet computers at the Main Library and 12 additional public access computers at Weekes Branch (total of 22 computers). <i>FY 2014 New Project Requests</i>	38,000

\$ 19,928,000

STREET IMPROVEMENT PROJECTS

	10-Year Total
1. Walpert Street Improvement - Second Street to Fletcher Lane Widening and reconstruction of Walpert Street from Second Street to Fletcher Lane. <i>1992 Mission Foothills Neighborhood Plan</i>	650,000
2. Hazel Street Bridge Restoration Restoration of bridge, sidewalk, concrete curb and gutter (including utility undergrounding) and tree planting on Hazel Avenue from Foothill Boulevard to Main Street. <i>1994 North Hayward Neighborhood Plan</i>	280,000
3. City-owned Bridge Maintenance/Repair Maintenance and repair of the following bridges: Whitman Street overcrossing, San Lorenzo Creek, A Street viaduct, and Meekland Avenue undercrossing. All 4 bridges were identified by Caltrans as in need of repair. <i>FY 2012 CIP New Project Requests</i>	250,000
4. Huntwood - Industrial Parkway to Tennyson Road - Medians Construct medians; to be deleted as recent traffic counts indicate the need for 4 lanes of traffic. <i>1989 Tennyson/Alquire Neighborhood Plan</i>	0
5. Streetscape Project - C Street from Grand to Filbert Streetscape project includes the following improvements: median construction, narrowing of street width, and widening of sidewalks. <i>FY 2012 CIP New Project Requests</i>	2,100,000
6. Streetscape Project - Main Street from A Street to C Street Streetscape project includes the following improvements: median construction, narrowing of street width, widening of sidewalks, and bike lane construction. <i>FY 2012 CIP New Project Requests</i>	2,200,000
7. Streetscape Project - Dixon Street from Valle Vista to Industrial Parkway Streetscape project includes the following improvements: median construction, narrowing of street width, widening of sidewalks, and bike lane construction. <i>FY 2012 CIP New Project Requests</i>	3,250,000
	<hr/> \$ 8,730,000
Alternate Modes Projects	
1. Implementation of Bicycle Master Plan Improvements Construct bike paths to link existing bike path along Industrial Parkway and Mission. To be deleted - to be constructed with next phase of Mission Boulevard corridor improvement project and future Holiday Bowl development. <i>1996 Fairway Park Neighborhood Plan</i>	0
2. Carlos Bee Boulevard/Hayward Boulevard/Campus Drive Sidewalks Completion of sidewalks and walkways along these major arterials. <i>1998 Hayward Highlands Neighborhood Plan</i>	1,568,000
3. Pedestrian Safety Improvements - Flashing Beacons for School Crossing on Amador Street between Jackson & Elmhurst, and pedestrian access from Amador to Park Elementary School. To be deleted since it requires non-ADA crossing on private property. <i>1995 Santa Clara Neighborhood Plan</i>	0

Alternate Modes Projects (Continued)		10-Year Total
4.	Pedestrian Overcrossing of Southern Pacific Railroad Tracks Construct pedestrian overcrossing at Huntwood Avenue and Schafer Road to facilitate safe crossing of students to Tennyson High School. To be deleted - crossing was improved through a City-funded capital project in 2007. <i>1989 Harder/Tennyson Neighborhood Plan</i>	0
5.	Cannery Pedestrian Bridge Construction of a pedestrian/bicycle railroad overcrossing that will span the Union Pacific Railroad tracks and connect an existing, large community park (Centennial Park) and established residential neighborhood with a major new housing/mixed use development in the Cannery Redevelopment Area. <i>2001 Cannery Area Design Plan</i>	1,975,000
6.	Tennyson Pedestrian Bridge Construction of a pedestrian/bicycle railroad overcrossing that will parallel the Union Pacific Railroad and BART tracks across Tennyson Road and connect the existing bicycle and pedestrian path (called the Nuestro Parquecito) with the South Hayward BART station. <i>2007 South Hayward BART Concept Design Plan</i>	1,500,000
7.	Tennyson-UPRR Grade Separation at Whitman Construction of an underpass at Whitman near the Tennyson-UPRR crossing. <i>FY 2012 CIP New Project Requests</i>	15,000,000
		<hr/> \$ 20,043,000
INTERCHANGE PROJECTS		
1.	Whitesell/Clawiter/Route 92 Interchange Construction of a new interchange with a Whitesell Drive overcrossing of Route 92. <i>Funded through LATIP for Central County Freeway Study projects.</i>	63,100,000
2.	I-880/Industrial Parkway Interchange - Phases 1 and 2 Construction of a northbound off-ramp from I-880 to Industrial Parkway (Phase I). Construction of a southbound loop off-ramp, replacement of the existing bridge over I-880 and providing for routine accommodation of bicyclists (Phase 2). <i>Funded through LATIP for Central County Freeway Study projects.</i>	43,600,000
3.	I-880/West A Street Interchange Reconstruction of interchange to accommodate widening under the bridge. <i>Funded through LATIP for Central County Freeway Study projects.</i>	31,000,000
4.	I-880/Winton Avenue Reconstruction of interchange to create a partial cloverleaf interchange and creation of a new connection to Southland Mall Drive. <i>Funded through LATIP for Central County Freeway Study projects.</i>	28,700,000
5.	Route 92/Industrial Boulevard Interchange Widening of the westbound to southbound loop off-ramp and local street conform and striping improvements on Industrial Boulevard to accommodate the existing lane. <i>Funded through LATIP for Central County Freeway Study projects.</i>	6,900,000

INTERCHANGE PROJECTS (continued)

	<u>10-Year Total</u>
6. I-880/Whipple Road Interchange Expansion of the northbound on-ramp to provide 2 lanes. Includes an HOV bypass lane, which could accommodate trucks as well. <i>Funded through LATIP for Central County Freeway Study projects.</i>	15,500,000
7. Whitesell/Breakwater Traffic Signal Installation of traffic signal. To be deleted - redesigned with 880/92 Reliever Route project. <i>2002 General Plan Circulation Element</i>	0
8. Baumberg Avenue Widening To be deleted - completed by developer. <i>2002 General Plan Circulation Element</i>	0
	<u>\$ 188,800,000</u>

TRANSPORTATION IMPROVEMENT PROJECTS

1. Traffic Signal - Hesperian/Catalpa To be deleted as this project will be included in City-wide intersection improvement study. <i>1996 Glen Eden Neighborhood Plan</i>	0
2. I-880 Southbound Off Ramps at A Street Install dual right turn lane. To be deleted - included in 880/West A Street interchange project. <i>2002 General Plan Circulation Element</i>	0
3. Industrial Parkway/Route 92 Westbound Ramp Install dual left turn lane. To be deleted - will be considered as part of the Industrial/92 interchange portion of the LATIP project. <i>2002 General Plan Circulation Element</i>	0
4. "A" Street to "D" Street Connector Add two-lane road at Fourth Street. To be deleted - to be constructed as part of development of Caltrans properties for Route 238 bypass. <i>2002 General Plan Circulation Element</i>	0
5. Protected Left Turn Phase for Hesperian/Arf/Panama To be deleted - a study conducted in 2011 indicated that the new left turn phase was not warranted. <i>1996 Glen Eden Neighborhood Plan</i>	0
	<u>\$ 0</u>

PAVEMENT MAINTENANCE PROJECTS

1. Improve Citywide Pavement Condition Index (PCI) Improve Citywide PCI from the current rating of 68 (good) to 80 (excellent) in one year (\$57.5 million), then maintain a rating of 80 each year (\$7.4 million/year). <i>FY 2014 Identified Needs List for CIP</i>	116,400,000
	<u>\$ 116,400,000</u>

IDENTIFIED CAPITAL NEEDS TOTAL

\$ 510,026,000

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